

HUNTING *and* **FISHING** **5¢**

MAY
1939



Gordon E.
Nichols
1939

Yes Sir!



Biggest Prize-Winner for 1937 in Field & Stream's Contest, caught in Florida by Fred Glander, Dayton, Ohio, on "River-Runt-Spook".

"RIVER-RUNTS" are the "FISH-GETTING-EST" BAITs for ALL GAME-FISH!

Ask Any Fisherman... Anywhere!

Wherever true fishermen gather, you hear enthusiastic reports of the Heddon "River-Runt-Spook." You'll hear them say,—

"When I take that baby out and say, 'Runt, do your stunt', I just know I'll bring home the bacon."

It has everything... minnow size, a tempting mouthful... amazing transparent live-minnow appearance... plus that darting, wiggling action that coaxes vicious strikes from the wariest old "bunkers".

Unbeatable for Wall-Eyes (Jack Salmon); Bass (Large Mouth or Small); Great Northern Pike; Pickerel; Lake Trout; and for all kinds of Salt-Water Fish...

"RIVER-RUNT-SPOOK" (Trade Name Reg.)

It's the one Bait for every trip, if you want the most fun and the most fish. It's the biggest seller, because it is the greatest fish-getter, —National Fishing Contests prove that.

5 Models for 1939

New No. 9010 Midget "River-Runt-Spook" for Light Rods.....\$1.00
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No. 9430 Floating Jointed.....\$1.25 No. 9330 Sinking Jointed.....\$1.25

All Standard Colors, also exclusive Shore-Minnow Finishes

ONLY Heddon Baits Have This additional "STRIKE-PROVOKING" Quality!

Amazingly Life-Like SHORE-MINNOW FINISHES

(Design Patent No. 93,370, U. S. Pat. Office)

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This new patented improvement by Heddon duplicates the natural appearance of those tiny "Shore-Minnows",—the backbone and ribs of which show when held to the light.

This exclusive design is obtainable in all models of Heddon "Spook" (Transparent) Baits, such as "Vamp-Spook," "Basser-Spook," "Chuger-Spook," "Wounded-Spook," etc. It is the secret of many marvelous catches made by more than a million anglers.



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Tells What to use and How to Fish for best results. It shows the complete line of Heddon Baits, Reels, Feather Lures, also Brown-Tone Tempered Bamboo Rods, and "Pal" Steel Rods; all are "Rods with the Fighting Heart."

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Two Sizes
No. 97S Large Size for Bass, Large Trout, etc. Length 2 in. No. 1 Hook. Each, 60c
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For 27 years, more Prize Winning Bass on Heddon Baits in Field & Stream's Fish Contest, than on any other lure.

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A Convertible Bed in your Nash... made up in five minutes... lets you sleep safely, comfortably at home... saves you lodging bills on trips.



Four-door sedan delivered at factory with standard equipment for only \$840. White sidewall tires,* rear wheel-shields.*

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Nine out of ten sportsmen said they want these features in their cars. This year Nash is the only car that has them all.

1. SLEEPING ACCOMMODATIONS. Nash is the only car with the built-in bed feature. Special window screens let in fresh air... keep out bugs.

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Photo courtesy U. S. Forest Service

FOREST FIRE

The curse of wildlife

By

James G. K. McClure, President

THE AMERICAN FORESTRY ASSOCIATION

OF ALL our natural resources, wildlife has the greatest human appeal. It transcends, but in no way eclipses, our love of trees and forests. In the minds of many, forests and wildlife are inseparable, and to a considerable extent this is true. Without the protection of forest cover many animals would have no place of refuge, and all sportsmen know the close relationship of forests to the sport of fishing.

However, they have common enemies. Chief of these is fire. This devastating scourge destroys the homes and feeding places of many animals and birds. To a shocking extent one finds their charred bodies and ruined nests in the wake of fire. Fishing streams are polluted and their sources dried.

Realizing this, sportsmen are increasingly aware that the spring fishing season ushers in a major conservation problem—the prevention and control of forest fires. Each year fields and forests in every part of the country are ravished by fires that cause timber and property losses running into millions of dollars. Greater still are the intangible and indirect losses resulting from subsequent erosion and floods, destruction of wildlife and natural beauty, dislocation of industry, summer recreation and local tax income.

In spirit and substance, forest fires strike at the foundation of conservation in its every field—soil, water, wildlife, outdoor recreation, public and private forests and parks.

Millions of dollars of public funds have been spent during recent years in conservation works. These investments may be wiped out almost overnight by the 140,000 fires that annually spread flames and smoke from Florida to Alaska.

From the beginning of forest conservation in this country, The American Forestry Association has held fire prevention to be the backlog of conservation progress. It is the major objective of its educational work. By every means at its disposal, it has sought to develop a public sentiment that will deal with fire in fields and forests as an epidemic of disease is dealt with by enlightened communities. The Association has sponsored and crusaded for fire prevention laws and for

state and federal appropriations adequate to the task of dealing with the problem. There can be no lasting conservation, the Association holds, until the fire problem is solved.

With the cooperation of individuals and organizations interested in hunting and fishing, The American Forestry Association and its associates worked for the passage of the Weeks Act of March 1, 1911, the aims of which were broadened and strengthened in the Clarke-McNary Act of June 7, 1924. Recognizing that the public is responsible for causing the majority of forest fires through carelessness and ignorance, the Acts establish the principle that the states and Federal Government should bear a part of the cost of protecting both public and private forest property against fire. Today, forty-two states are legally authorized to carry on forestry activities and are receiving allotments under the Clarke-McNary Act. Over 250,000,000 acres are under protection, and the states and private timberland owners are appropriating nearly \$7,000,000 with which to match a federal appropriation of \$2,000,000.

No estimates are available as to the wildlife values destroyed annually by forest fires, but that they add materially to the annual forest loss of some \$45,000,000 there is no doubt. More adequate protection now contemplated in an effort to increase the federal appropriation to \$9,000,000 would materially reduce the losses to wildlife, as well as those to the growing forest.

In this The American Forestry Association invites the co-operation of all hunters and fishermen. Efforts are now underway to secure approval by the Bureau of the Budget for an increase in next year's Clarke-McNary appropriation of \$500,000—to reach the full authorization of \$2,500,000. Senator McNary of Oregon and Representative Doxey of Mississippi have each introduced bills (S. 226 and H. R. 300) to increase the authorization for annual appropriations from \$2,500,000 to \$9,000,000, that all of the 440,000,000 acres of private and state owned timber may be protected against fire.

That this may be accomplished it is hoped that all who are interested in forests and wildlife will give their united support.

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America's most widely read sporting magazine

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YOUR LETTERS

PARENTS, PLEASE NOTE

Editor, *Hunting & Fishing*:—I have been interested in conservation for some considerable time, and have been rather actively connected with Conservation organizations. For many years I have felt that one field in particular was being neglected. Owing to the changed conditions of our lives, too few of the boys in this country are having the opportunities that you and I have had of going afield with our fathers. This, I presume is due in a great measure to the loss of outdoor recreational facilities, yet, in my experience we cannot afford to allow that sort of influence to be lost.

With this in mind, I have been getting out of as many routine duties as possible, in the hope that I might be able to do a little more work along the line of educating the fathers of the country into the necessity and importance of spending some time with the boys, because of the good influence it would have on their lives.

I have had a great deal of experience with boys, and I know of no way that they can be reached and held to as great an extent as they can through just this sort of an influence.—Judge George W. Wood, Waterloo, Iowa.

HUNTING & FISHING agrees 100% with Reader Judge Wood. A keen active interest in outdoor recreations such as fishing, hunting, camping, field trials plus competitive shooting with rifle, pistol and shotgun all combine to constitute training which leads directly to health, democracy and a thorough understanding of the word, "sportsmanship." Other readers are invited to write us regarding their experiences in taking the younger generation afield.—Editor.

NOTE FROM INDIANA

Editor, *Hunting & Fishing*:—I have read the article on Indiana rabbits in the March issue of *HUNTING AND FISHING*, and I think L. B.'s suggestion is a very good one.

Five rabbits in any one day should supply even the largest family with enough meat and some to spare. To help preserve rabbits in Indiana for the future, I suggest a no closed season on all game hogs and poachers.—J. S. D., South Bend, Indiana.

HUNTING & FISHING heartily endorses the "no closed season on all game hogs and poachers." Any more reactions from Indians on the five-rabbits-per-day limit?—Editor.

(More letters on page 45)



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PRIZE SPORTING PHOTOS



Above: "Take me, Boss?" First prize winner (\$10) taken by Stephen F. Harris, Dover, Mass. Setting of 1/50 at f 8.

Right: Pipe of Peace. Third prize winner (\$3) taken by Byron Cottrell, Galetton, Pa. Setting of 1/25 at f 16.



Below: Trout at Dawn. Second prize winner (\$5) taken by Roger A. Winters, East Orange, N. J. Setting of 1/100 at f 8.



You Can Call Your Shots with **WINCHESTER .22s**

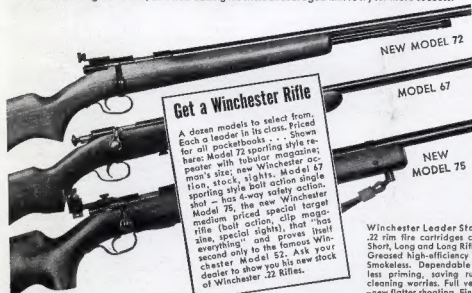


Major J. W. Hession, international long range rifle shot, coach, and shooting authority, tells of starting with a .22, and how calling his shots encouraged him to try for more success.

IN YOUR .22 rifle shooting . . . convenient, economical, immensely enjoyable . . . get this important advantage — used as a stepping stone to greatness by world-renowned marksmen. Start calling your shots. And for your cartridges—with the target-shooting accuracy for successful shot calling, yet sold at the economical regular price—buy Winchester Leader Staynless.

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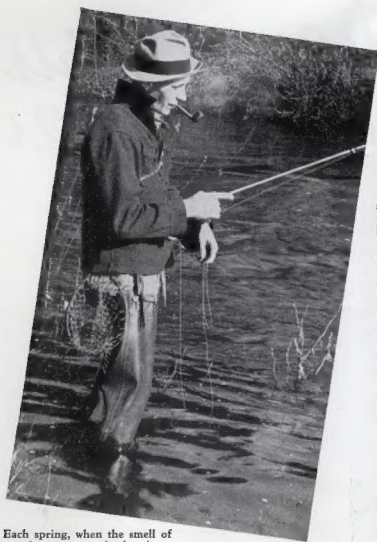
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THE PERFECT TRIBUTE



Each spring, when the smell of running water was in the air...

THE LATE AFTERNOON SUN thrust dusty fingers through the windows of the Old Trout Fishermen's Club and spread a listless warmth over three comfortable anglers in three comfortable chairs. Charlie Calkins and President Jim Smith talked quietly while old Matt Pringle drowsed in the other chair. The conversation had turned from trout fishing to trout eating.

"They's only one way," pronounced Charlie. "Ketch him, gut him, and drap the hull trout, head, tail and all, into a skillet half fulla hot bacon grease."

"No," Jim disagreed. "I'll have my fish rolled in egg and cracker-meal and frid slow."

"Well, boys," came a young and cheerful voice from the doorway, "you had better catch those trout first before you eat them."

"Howdy, Doc," said Charlie as Doctor Fred Scott crossed the room and pulled up a chair. "I heerd you bin off upcountry fer a spell."

"Yes," said the young doctor, "Dad and I just got back from Crossforks. We had a wonderful trip. The trout on the Kettle were hitting anything in the book. I had no trouble taking my limit in good trout for three days handrugging."

"Doc," said Jim smilingly, "I'll have to drop over to your house for a trout supper tonight."

"Wouldn't do you any good, Jim," Doctor Fred replied. "Every one of those trout are back in the creek."

Matt Pringle blinked sleepily and said, "Shucks, Jim, ain't ye never heerd the story as how Doc Fred never kills a fish?"

"That so?" asked Jim. "How come, Doc?"

"Well, it's quite a yarn," said the young man. "It began eighteen years ago." He filled his pipe and settled back in his chair before he continued:

I was only ten years old when Dad first took me up to Fiddler's Farthing. We boarded a dusty day-coach at Hemlock Junction, and the queer little locomotive breathed rustily along the bank of the river farther and farther up into the mountain country. From one side of the coach I watched the broad Allegheny slide quietly through green eddies and break into long white riffles

against the heads of islands. Outside the opposite windows of the coach the Heart's Desire Range swelled smoothly up into the blue.

Hours later, when the old conductor squinted through the window and yanked the signal rope, the ancient train wheezed to a stop along the river bank where a high square rock projected out into the water. Dad took the oars of a battered john-boat which had been anchored to a ring in the stone and pulled across to the village of Fiddler's Farthing.

It was a pleasant little town, sprawled like some lazy bait-fisherman under the maple trees beside a slow eddy. As we strolled along the town's single street, Dad said to me, "Son, we're going to drop in on an old friend of mine. He has a surprise for you."

I coaxed and pleaded to know what it was, but Dad remained smilingly silent until we stopped in front of a little weather-beaten workshop. There was a faded sign on the front window—Isaac Unger—Rod Maker.

A bell tinkled with a sprightly musical sound when we opened the door. The shop was dim and cool, fragrant with woodstain and the keen smell of varnish.

"Ja, ja! Choost a minute." The guttural voice came from a partition set across one corner of the shop. Then Isaac Unger rolled out from behind his workshop, shaking wood-shavings from his huge apron and peering uncertainly through thick, dusty spectacles.

"Ach, Georch!" He clasped Dad's outstretched hand. "Undt dis is your poy, ja? Gif Isaac your handt, son. Friends ve will be, I betcha." His fat face was wreathed in smiles, and his broad gray beard wagged up and down with the heartiness of his greeting. "Come, come, back ve go into der house. Ve vill sit. Ve vill talk."

Isaac trotted back through the shop, hung his apron on a nail, and led us into a clean sunlit room.

"Georch," he said as he settled into a creaking chair, "gladt I am dot der two of you haf come. You schtay a while, ja? It gifs pig's knuckles for supper tonight." He smiled at me. "Georch, dot is a goodt poy. He vill make a goodt man, ja? Undt a fine schpotsman, I betcha. Mine son, vhat would you like to do tomorrow?"

"Go fishing," I said shyly. "Ach, a chimp from der old plock, Georch. I tink now comes der surprise, ja?"

Old Isaac trundled over to a rod cabinet in the corner of the room and ceremonially presented to me a little fly-rod that left me breathless and flushed with happiness. . . . It was a beautiful piece of Tonkin cane, seven feet in length, with a slim grip that just fitted my ten-year old hand. We went out into the back yard where Isaac nodded approvingly at my casting. Dad was enthusiastic. He put his hand on my shoulder and said, "This is a rod you must live up to, son."

"Mine poy," said the old rod-maker "I vant you shouldt unterschandt der most important ting about your rodt. Choost look here."

His stubby finger pointed to an extra silk wrapping which formed a thin red line around the butt section. Under the clear smooth varnish was the number "10" delicately traced.

"Choost ten inches it is," said Isaac, "from der schtripping guide to dis wrapping. I vant you shouldt never kill a trout schmaller. Der law says six inches, putt vhat is a six-inch trout? Nottings putt a minnow. Mine poy, ve vill make ten inches our limit, ja?"

"Yes," I said. "Anyway, Dad has taught me not to keep small fish."

"Dot is goodt. Der is vun more ting." He held up three fingers. "Tree sections der rodt has, ja? I vant you shouldt never kill more dan tree trout at vun time. Tree goodt trout are all

Here's a fishing yarn with a different twist. The author has reached into the subject of fishing and hit upon several factors that make the sport one of the most fascinating of the many outdoor activities.

By

RICHARD ESLER

dot a man shouldt eat. Rememper, mine son, dot a real sportsman is like a fine rodt. He must have packpone enough to gif as much as he takes. Goodt fishing is as much pudding pack as it is taking out."

That evening I sat open-mouthed when Dad and Isaac began calling up old memories, spinning yarns of golden days astream, about the big browns of the Brokegrass, the rainbows of Spring Creek, and the natives that grow sleek and husky in the tangled upper reaches of the Big Kettle.

All of these stories had the same ending; invariably the fish were returned to the stream. That part of each yarn was always emphasized. Isaac would say, "Himmel, choost tink of it—four pounds of prown trout schill schwimming in der Little Pine. Maype you vill meet dot chentleman some day, mine poy." Or Dad would say, "So I slipped the hook, and the rainbow rolled back into the current. He's still there in Pithole Creek waiting for you, son." Young as I was, I think I understood.

After that first memorable visit with Isaac, Dad and I made pilgrimages to Fiddler's Farthing two or three times a season. Each spring, when the smell of running water was in the air, the three of us packed up into the Heart's Desires for Opening Day. Old Isaac's streamcraft was as fine and finished as his handicraft. Year after year he and Dad labored patiently with my angling education, never losing an opportunity to school me in the ways of trout and men. I remember when Isaac once hooked a big brown on Scrub-sraw Creek.

"Vatch der rodt, Fredt," he said. The tip dove down as the trout surged towards the tail of the pool where an uprooted tree lay half in the water. When Isaac turned the big fish, the rod bent double, then swept suddenly upright. The trout raced back up the current, and the rod followed, undulating with a steady, relentless pressure. I netted the fish for Isaac who lifted it by the gills and said:

"Tree pounds, maype, ja?" He laid the trout in the water, slipped the streamer from its heavy jaw, and watched it slant off into the depth. Then he handed me the rod.

"Didt you keep der eyes on der rodt, mine poy? Dot vas a goodt fight, ja? Mine rodt von der pattle py giffing undt taking, like a goodt sportsman. Some rods are like pad schportsmen. Undter a schtrain dey do not schtand up. Cross-grainedt dey are, undt veak in schpots. Den dey go—schnap—undt der goodt vork is lost."

My growing-up years were full of wonderful and fruitful days astream with Dad and Isaac. I came to worship the old rod-maker. He was like one of his own products, straight and finely balanced, strong and as near perfect in detail as he could possibly be made.

Late one autumn, on my twenty-first birthday, Dad and I went up-country by train, as usual, and rowed across the river in the john-boat. We were walking along the village street when Dad stopped in front of the general store.

"Son, I'm going to stop in here and say hello to Eb Werner. I need some tobacco anyhow."

"Okay," I replied. "I'll go on up to Isaac's. I believe I can see him in front of the shop."

The old rod-maker blinked and peered hesitantly through his thick glasses as I drew near. He seemed not to recognize me until I was quite close.

"Ach, mine poy," he said heartily. "Goodt it is to see you. But"—I detected a shadow of fear in his voice and face—"where is your papa?"

"Oh, he'll be along in a minute," I said. "He stopped at Werner's."

"Goodt, goodt! Tree monts it has been since you undt he vas upriver. For a moment I vas afraid—Ve grow oldt, he

undt I."

Isaac was standing in a patch of light where the late afternoon sun struck through a big maple tree in front of the shop, and for the first time since I had known him, I saw him as an aging man. The wide beard that swept his chest was nearly white now. And his eyes seemed misted with the uncertainty of age. His step was slower, too, as he led me back through the shop. Otherwise, he was the same merry, lovable Isaac. When Dad came in and greeted him he said,

"Now ve are togedder again, ve tree. Son, you rememper der surprise ten—ja—elefen years ago, when first you come up?"

"Remember?" I replied. "I'll never forget it."

"Goodt. Comes tonight anudder surprise."

That evening, the three of us, full of sour rabbit, fried noodles, and home-brewed lager, relaxed in perfect contentment around the chimney fire. We had talked quietly for a while when Isaac arose and announced,

"Time it is for der birthday present."

A drawer in his rod-cabinet produced five fly-books which he presented to me with a ceremonious gesture.

"Mine son," he said, "in dose pooks are all der flies I haf used in mine lifetime. I gif dem to you because I know you vill use dem like a goodt schportsman."

I was opening the fly-books when Dad spoke up. "But Isaac, these are *all* your flies, hundreds of them. What are you going to fish with next spring?"

The old rod-maker sat down heavily, stared into the fire for a moment and then looked up with a smile.

"Friends, mine fishing days are ofer," he said. "Vait." He held up both hands to stop the anxious and astonished queries which were forming on our lips. "I vill tell. I do not see so goodt any more. You notice dot, ja? Mine eyes, pack on me dey haf gone. Efen der glasses make dem no petter. Nein, nein, I am not plind like der owl. I see enough to vork at mine

(Continued on page 23)



The trout were hitting anything in the book



Brutus was a magnificent specimen with a look that was very human.

PLAYFUL BRUTUS

A most unusual story of a most unusual dog

By

Dave A. Parker

PURE ADMIRATION was in John's eyes as he watched the splendor of the dog holding a quivering picture-point; the fourth in ten minutes. He stepped forward and there was that startling-sweet "bur-r-r-r" of a quail covey flushing to wing. Bang! Bang! And one of the birds crumpled in flight, slowly, lazily, and settled to the ground amidst a puff of feathers.

"I've seen enough," John said shortly to the negro in faded blue overalls and dirty work shirt. "Tie him up," Mose said, patting Brutus on the head. "Good ole Brutus. Yas suh."

Brutus was a magnificent specimen. Big, full-chested, with powerful legs, he looked all dog. But something besides his physical qualities definitely set Brutus apart. All dogs have their own peculiar facial expressions, but Brutus was unusual in that his was amused-looking. Not funny—amused. So striking and unusual was this expression that all commented on it sooner or later. It was very human; that look.

"How much did you say you wanted for him?" John asked the negro.

Mose scratched his head and eyed Brutus dubiously. "Wal, I dint zackly say, Mis John, but I'se gwine tak twenty-five dollar for ole Brutus."

"Sold!" John said quickly.

The negro and John turned then and started off across the fields, Brutus trotting along on his leash none too docilely. Once

he looked at Mose so appealingly that John burst out, "Darn if I don't believe that dog has a sense of humor!"

And he was right!

It was a heart-warming sight, the way Brutus worked that first Saturday. In fifteen minutes, he found two coveys and stood five

singles. And the fields were dry and birds hard to find. "Didn't I tell you he was the best dog in Saxon County?" John boasted proudly to Frank, his hunting companion, for the tenth time that morning.

Frank appeared skeptical. He shook his head in wonder and asked, "And you paid only twenty five dollars for him?"

"Only twenty-five dollars," John said, awe at his own bargaining powers in his voice.

Brutus stood another single, and both men's opinion of him soared to new heights.

And then suddenly something happened!

With a sharp "yelp," Brutus bounded off across the field. Both hunters glanced up in startled amazement at this unusual and upsetting procedure. The tall broomstraw screened from their view whatever it was Brutus was after so hell-for-leather. They watched the dog streak across the field and abruptly Brutus' quarry burst into view.

John's lower jaw dropped and his eyes flew wide. "Ye Gods!" he cried hoarsely. "A rabbit!"

It was unbelievable! It was impossible! Brutus, the perfect

bird dog, chasing a rabbit like any ordinary beagle. And yelping! Slowly, John's expression of incredulous amazement turned to red-faced anger. He blew sharply on the whistle and roared like a madman, but Brutus paid not a bit of attention. Across the field he galloped after the rabbit. Mr. Bunny dodged into a clump of briars; and as abruptly as he began the chase, Brutus abandoned it. Calmly he turned and trotted back across the field where he sat down on his haunches, cocked his head sideways, and looked up into the furious face of his master with an expression of utter joy.

John looked down at him in confusion. What to do? Why had Brutus done this thing? John took a limber switch and beat the pointer across his back, while Brutus cringed. "Get up!" John said.

Brutus stood up but instead of bounding off as John expected he looked up at his master with a hurt expression which seemed to say, "What's the idea? I hunted for you. If I want to chase a rabbit, why can't I? After all, don't be so doggone serious about this thing. Why, hunting is *fun!*"

"Now get out there," John pointed sternly. "And no more rabbits."

Obediently, Brutus trotted off, then hit his stride and began ranging back and forth across the field. He found another covey, giving each hunter two more birds. "Maybe," John suggested hopefully to Frank, "he won't do that again." But his voice sounded unconvincing in his own ears.

Brutus hunted well for a time, lulling them back into a sense of security when suddenly he took off across the field.

"Brutus!" yelled John. "Come back here!" But Brutus was in his seventh heaven. In another minute he had scampered beneath a fence and into a pasture where a herd of cows were grazing. Brutus made a bee line for the nearest cow and the grand uproar started—Brutus nipping at the placid cows, sending them lumbering away. From one end of the pasture to the other went Brutus, nipping, yelping joyously, simply reveling in this game of chase-whenever-runs-away.

Furious, John blew the whistle, yelled and waved his arms. Brutus paid no heed. He went on chasing cows.

Frank suddenly let out a loud guffaw of mirth and plopped himself down on the ground. John turned and glared at him. "What the devil are you laughing at?" he demanded belligerently.

"Yeah," Frank roared, "Brutus is *some* dog, by heck. The best doggone bird dog in Saxon County—when he isn't chasing cows! Wow!"

They could do nothing until Brutus tired. After awhile the dog gave up the fun and loped across to his furious master. His chastisement over, Brutus bounded off again and started hunting but somehow the fun was gone for John. At any moment Brutus might take it into his head to gallop off after a chipmunk, a rabbit or a cow. What a dog, John groaned audibly. He was deeply disappointed, but not hopelessly discouraged, with the result of that first day's hunt with Brutus. Time and patience, John felt, would work wonders with the dog and really make him the perfect hunter.

But John reckoned without Brutus' sense of humor. As the brown of November changed to the greyness of December, and December faded into early January, John began to have graver doubts. Brutus definitely wasn't improving. All the beatings he administered, Brutus took in his stride—then went right back to his old tricks. Time after time, John and Frank took him out, and each time Brutus would hunt wonderfully well for a time. Then he dashed off on a wild chase after something. Nor did anything seem to down his good nature and quizzical outlook on the world. Brutus simply refused to take his hunting seriously.

"I guess I'll have to sell him," John lamented to Frank that cold day in January. "That dog has too big a sense of humor for a hunting dog. No wonder old Mose sold him so cheap." He was disgruntled and keenly disappointed in Brutus.

"Yeah," Frank kidded for the hundredth time. "Brutus is some bird dog—when he isn't chasing rabbits!"

They went down the hillside, crossed over a flat field and ambled through a high barbed-wire fence. The field they were in was flat and open. Small clumps of scrub trees dotted the landscape here and there, but for the most part it was low pasture-land.

"We're pretty far off the farm," Frank said. "This is all new to me. Let's try up this way."

John blew the whistle sharply for Brutus, but the dog was nowhere in sight. "Now I wonder where that fool Brutus is!" he exploded in exasperation.

"Maybe he's over there in that clump of scrub trees," Frank pointed. When they were about a hundred yards from the trees, (Continued on page 27)



Roberts Photo

In fifteen minutes the big pointer found two coveys and stood two singles with the most amazing certainty



Photo by Canaan, on Nat'l Ry

FIRST CLASS SPORTSMAN

By

Truman E. Crocker

THE MORNING sun was just peeping over the hills as I left the main road on the Rogue River, 35 miles Northeast of Gold Beach, and entered the lane which led to Uncle John's house. As I drove into the barn lot, he was just starting for the house with a pail of milk.

"Gosh, you almost beat your phone call here," he greeted me, grinning. "You'll have to wait till I carry a few pails of water for your aunt to wash with. You know," he continued, "she thinks we waste too much time on fishing."

"I know," I answered. "Remember, I'm married, too, Uncle John."

The appearance of Aunt Myra from the direction of the hen house prevented further conversation on the subject. After a warm greeting, she proceeded to discourse at some length on the foolishness of a couple of men who would get up before daylight and spend an entire day trying to fool fish who were usually much wiser than the ones who fished for them. "And even if you're lucky enough to catch a few," she concluded, triumphantly, "you've spent a whole day at hard labor, burned ten gallons of gasoline, and probably got soaked for a few fish you could buy at the market for a dollar."

Uncle John returned with his last pail of water in time to hear the closing argument.

"But I aim to take the biggest Steelhead in Oregon into Johnson's store and win that \$75 cash prize," he stated, "then I can get me a new pair of waders, a new rod, reel, and a lot of other tackle."

"Humph!" Aunt Myra snorted, derisively. "The only way you'll ever get that prize is to go in there disguised as a fish yourself. Come to think of it, that might not be a bad idea," she continued, thoughtfully. "All you'd have to do would be to shave off what little hair you have left, and keep your big feet out of sight." With this parting thrust, she retired in triumph to the kitchen.

AN HOUR later we stood in a bend of the Rogue two miles above Uncle John's ranch. The sun was warm and pleasant now, but the breeze was still cool, and mist rose in a white cloud from the river. The water seemed to be ideal for Steelhead fishing, rather high, but clear and transparent.

"Try it just below that big rock," I said, "and I'll go on up to the head of the hole." Uncle John, who was filling his pipe, merely nodded thoughtfully, and I started for my objective.

Fifty yards above me the water dashed in a ragged, bounding torrent over boulders the size of a water pail, to come together at the head of the pool in a narrow gorge, which made a deep, swift, stretch of green water that widened out into a pool a quarter of a mile long. Just where the white and green met, a small stream ran into the river from the side on which I was fishing. I stood just below this small stream when I made my first cast.

Nothing happened. I cast again, and still saw no fish. Moving downstream, I tried again, and was rewarded by seeing a silver flash just below my fly as I retrieved it for another cast. Steadying myself, I cast carefully in the extreme edge of the deep, swift water, and retrieved line slowly. There was a flash of silver, a spray of water into the air, a sharp tug, and my fish was hooked. Straight for the deep, swift water he dashed, and I had to give him line as he made a mad rush downstream. Not wishing to give him any more line than necessary, I ran down the edge of the stream, following him up. Suddenly there was a shout from below me. Stealing a glance in that direction, I saw Uncle John's rod apparently trying to jump out of his hand. Then his fish jumped clear of the water in the center of the stream, and I, too, shouted.

"Hold him!" I yelled. "He's a prize-winner!" And so he seemed. "Look out!" Uncle John yelled. "He's coming your way, and I can't hold him!" It was true. Up stream he came like a shot, and Uncle John, try as he would, could not check him.

Giving my tackle all the strain I dared, I checked my fish, and tried to head him upstream. Suddenly, the strain left my line for a few seconds, then there was another and fiercer tug. I knew instantly what that meant.

"We're fouled!" Uncle John yelled. "Be lucky if we don't lose both of them."

I could easily believe him. Tugging first one way, then the other, the fish seemed determined to tangle the lines still more. Only the fact that they were hooked solidly, on heavy tackle, prevented our losing them the first dash. Uncle John jumped up on a large, round rock at the edge of the river.

"Let's head them into this little creek," I yelled, "then we can hold them."

Uncle John nodded, then his line tightened suddenly, one foot slipped off the rock, the other flew up into the air, and he splashed into the river on his back. I noticed that he still held tightly to

(Continued on page 28)

INSIDE INFORMATION

By

Malcolm Eagles Runyon

SO YOU HEARD I got a raise, Joe? Or was it just because you saw me fishing with the Old Man? Well . . . if so . . . it was on account of those perch . . . eight yellow perch!"

"As Editor of the City's largest daily, the Old Man's pretty sharp. Accuracy's his passion. Remember the dictum on our masthead: 'THE OUTLOOK OBSERVER KNOWS.' He called me into his office last Monday, and leaning forward over my desk like a turtle about to take off from a log, said, 'Henry . . . I'm not much of a fisherman . . . but you've written a book on it they say . . . now tell me . . . which is better for perch . . . nightwalkers, or garden worms?'"

"'White or Yellow?' I asked, and he pulled his head back as if into his shell and scanned the letter he held."

"Senator Sirocco's wire doesn't say . . . seems he is going on a trip with some of his constituents next month and wants to be high hook."

"Tell him nightwalkers," I offered, for I didn't care if the Senator would be lucky or not, he's not in my camp, "and be safe."

"That was like red flannel to a bullfrog. 'We don't play safe around here, young man . . . WE KNOW . . . or if we don't, we find out . . . and I think you're wrong anyhow . . . ask Mac!'"

"Mac runs our 'Advice to Anglers' column . . . he's one of the best anglers east of the Rockies and knows it . . . cocky as a sun-fish guarding its nest. Before I could give him the high sign to soft pedal, the Old Boy pops the question. 'Any damp-hool,' Mac answers, 'knows that crawlers are better!'"

"The Chief stuck out his long, scrawny, tortoise-like neck and glared at us. Then he went and polled all the staff who fished, one by one, and tallied the votes. It was a tie, including his own vote, which didn't help matters any, for if there's anything he dislikes worse than carelessness, it's indecision."

"That night I ransacked my library. Neither books nor catalogs shed any light on the subject . . . not even THE SPORTSMAN'S ENCYCLOPAEDIA. And next morning I was going through Mac's files when His Nibs limped in with his sort of terrapin gap. You could see it was still on his mind and that he'd had a bad night . . . dark rings under his beady, chelonian eyes."

"Henry," his v-mouth snapped, "there is just one way of settling this thing so we can be sure we're right. That is for you and me to go up to Green Lake tomorrow and make the experiment. We can not let the Senator down. Be at my place at seven and get your

own bait. And we had better take some lunch."

"If Mac had heard that break, he would have shot back at him point blank that one fishing trip doesn't prove a thing . . . but not me . . . I'm not 'in' as solid as he . . . and besides, I wasn't passing up the chance of hobnobbing with the boss."

"I'll bring the lunch, too," I volunteered."

"So on reaching home, I first hosed the lawn thoroughly. Then after dark I sneaked around with a flashlight and hunted nightwalkers. It took more than an hour but I picked up over a hundred—regular snakes!"

"I was up at dawn. I put up the cats myself. Even baked fresh biscuits instead of using store bread. It was the big chance to make an 'imprint' as Andy used to say, for it's not often the Old Man is seen pal-ing with any of the force. And I organized so there wouldn't be any kind of hitches or sour notes."

"He didn't say much on the drive to the lake, except to point out that a perch has a smaller mouth than a bass and should logically take the lesser worm. He took a flatbottom and put our paraphernalia shipshape . . . he likes things just so . . . can't abide any kind of carelessness."

"Of course I rowed. And as he does know Green Lake, it would have been lese majesty then for me to suggest where to fish. He was fussy about it, too . . . ranged in the spot with markers to a hair. I had to place the boat on a dime, so to speak. When he gave the signal I let go one oar, reached behind while holding the craft with the other, and eased over the anchor. It sank in an absolutely final sort of way . . . without that slithering-swish of the rope. I could see by the Chief's expression that all was not well. Didn't you notice it wasn't tied on when we got it?" he asked. And there was something in his tone insinuating I hadn't made a particularly favorable impression as a fishing partner."

"However, I picked up a large stone on shore which served well enough, and soon we were back on the same location. The Old Boy had a good supply of those little red worms you find under a manure pile, and he sat there by the hour almost as motionless as a turtle basking in the sun, while I drowned my nightwalkers. That's the way with perch usually; they seem to travel in schools, and either you get 'em a-plenty, or you don't get a smell."

"Just before noon he had his first touch. He was sure he had a perch, and when it proved to be an unusually large bluegill, he was as sore as though he'd grabbed a bullhead the wrong way . . . though he tried hard not to show his feelings."

"I netted the fish, and while he was re-baiting proceeded to untangle the meshes which had caught around the collapsible frame screw fastener. He turned my way and observed in his expressionless, terse manner, 'You are not very sensitive where you sit down, are you Henry?'"

"I was going to reply that I'd been kicked around too much to be, when I realized I was sitting on his tip . . . that's swell for a rod, Joe . . . and a swell way to make a hit with His Nibs."

"To get his mind off my blunders I suggested we eat. I thought he'd feel better with a full stomach. He munched away deliberately with never a hint as to how he liked the things I'd brought . . . my own biscuits . . . freshly spread . . . even an old sourpuss like you rises to them. When he was 'most (Continued on page 25)



The Old Man took eight yellow perch



I'd struck my can of worms . . .

A GENTLEMAN MUST ASSENT

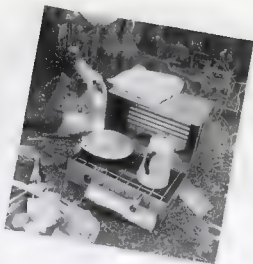
By

O. H. P. Rodman

INCONCEIVABLE AS it may seem, there was a day when it was impossible to buy food. Of course that was a long time ago, such as in the Paleolithic Age, when a man had to take his stone hatchet in hand instead of calling up the local grocer for provender. But to fully appreciate how easily we live today it will do no harm to look back to the Stone Age when the earth contained many animals that placed mere man in the midget class. It was no mean task to swat down an Ichthyosaurus with a crude stone ax, let alone defend the kill and get it home to the wife and kiddos. That was many centuries ago, but while most all the customs of that day are now ancient history there are one or two traits (thank goodness) that have survived. One is the instinct which many of us still have very strongly to hunt, camp, fish and live outdoors. The fact that some thirteen million people take out annual hunting and fishing licenses is proof that the instinct is preserved by more than a few.

The other custom is that of man being the procurer of food for the family. None of us have any stone hatchets with which to chop off the daily bread, but we do—with what we are pleased to call brains—earn, in the majority of cases, the money which buys the food. And more than that, it is usually the men of the family who are the heartiest eaters which leads directly to the fact that although the woman of the family goes to the local grocer, she is buying to meet the demands of the man's wishes, and is using the money which the man earns. Man is still the "meat getter."

He is the one who is asked: "What would you like for dinner?" tonight, tomorrow and the next day, from Sunday to Sunday. It so happens that we have always been interested in the tri-daily art of eating and have asked practically every married man we know if he isn't consulted as to the household menu; nearly 99 44/100%.



answer in the affirmative. The woman buys but behind her purchases lie the preference of the menfolk.

There's hardly a fisherman or hunter who hasn't had many a meal outdoors. Here he, in addition to dictating the choice of foods, also takes on the role of cook. Back in the Paleolithic age it is a good bet that the women did most all the cooking, but as man became more civilized he developed tastes for greater varieties of dishes. In the stone age, the only dish was probably a bit of roast meat which was held over a fire on a stick—that was all they knew how to cook and it was all they had. What a difference today! In camp or at home you can take a can-opener in one hand and cans of a great variety of fruits, juices, beans, vegetables, meats, spaghetti, and in half an hour's time have the products of many nations and many climes prepared for your breakfast, lunch or dinner. When you plan a two weeks' trip into the woods, you no longer have to worry about keeping things fresh. Modern science, modern manufacture, fast transportation, smart advertising and your local grocer have created a chain of production and distribution which brings you the delectables of the world.

It's interesting to run over a few of the remarkable conveniences which we all enjoy but take too much for granted. In the old days, if you wanted coffee, you went down to the local grocer, got the news of the day, had him grind up some coffee beans, put the cash on the line and you had coffee-makings which would keep fresh for a few days and give you a good brew. The modern camper can obtain a specially prepared coffee which is like so much magic. Boil your water, pour out a cupful, toss in a teaspoonful of the magic amber powder and you have as delicious a cup of groundless coffee as you could ask for. The remaining contents of the can will stay fresh indefinitely under the tight-fitting lid; the can itself would practically fit into your vest pocket; you don't even need a coffee pot—all of which means reduced bulk.

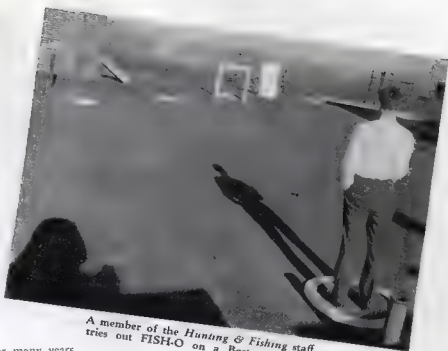
It was only back in 1926 when the writer was taking a mid-

(Continued on page 26)



INTRODUCING FISH-O

*The new competitive,
entertaining casting
game for fishermen*



A member of the Hunting & Fishing staff tries out FISH-O on a Boston rooftop

AT LONG LAST the fisherman has his game. For many years it has been a source of disappointment to bait casters as well as to dry and wet fly casters that no game has afforded them opportunity to practice and whet up their casting accuracy in off seasons. The wing shooters had their off season game in skeet, a game introduced by HUNTING & FISHING and NATIONAL SPORTSMAN magazines, which in the last few years has grown by leaps and bounds until now it not only is an off-season practice opportunity, but an all-season sport in itself. That the fishermen had failed to conceive a similar game for the sport of fishing had made them almost ashamed of themselves until a group got together in Chicago, a few weeks ago, and completed plans for what appears to be the answer to the fisherman's prayer—Fish-O, a game that every fisherman will welcome because the lines (no pun) for its conduct have not been made so hard and fast but that changes for improvement may be made in them.

In fact, the idea of those who sat in on the preliminary plans for the game—and the personnel was representative of every part of the country—was first to establish a fisherman's casting game, announce it to the public and then, with the exception of certain necessary fixed rules, invite suggestions for the game's improvement. It promises to excite much attention in the fishing world and is nationally sponsored by the American Wildlife Institute and the Izak Walton League of America.

Heretofore, casting, both bait and fly, has been chiefly a tournament contest, participated in by professional or expert casters. It has been an exhibition. The amateur who would have liked to participate felt that he would be in entirely too fast company if he dared enter the events. Moreover, it was felt that the casting tournaments were not representative of the vast number of fishermen at large any more than a skeet tournament would be if the shooters were composed entirely of experts.

Skeet achieved its great popularity because the rankst amateur or unskilled beginner, with no training and with only a will to shoot, was as welcome as the flowers in May at any skeet club. Thus skeet has become not only a highly popular sport but it has turned out thousands of good shooters who never would have appeared if skeet clubs had been limited to professionals or experts. Among the emigrants to the ranks of skeet fans are thousands of women who never would have thought of picking up a gun if they felt they had to compete with experts. Many women, however, have become just as good shooters as many of the men.

Now comes the fisherman's game, Fish-O, which will be a combination of bait casting and fly casting. Interest in the game is heightened by the fact that the participant will cast at horizontal targets set at unknown distances.

The layout may be located on water, as, for instance, in either natural or made pools, or it can be played on lawns or other level surfaces outdoors or indoors. It is expected that space at country clubs, municipalities and private grounds will be utilized for the new sport. Fish-O may be participated in by individuals or competing teams. It offers the same opportunity for match contests as skeet or golf, and can easily result in building up a series of competitive, all-year-round matches.

In the accuracy bait casting events just announced as part of Fish-O, there will be ten horizontal targets, six of which must not exceed thirty inches in diameter and four of which—the four targets nearest to the casting point—eighteen inches in diameter. These shall be scattered at random at distances unknown to the caster. No one of the targets shall be located at a distance greater than eighty feet or at a distance less than forty feet from the casting point. If a club or local organization has only five targets at its disposal, contestants may rotate from targets one to five.

The bait casting event is highly interesting in many ways, one of which is that the first five targets must be cast at from a sitting position, as would be required of a caster sitting in a boat. The last five targets must be cast at from a standing position.

The rules themselves, fixed by the originators of Fish-O, are: "ROD—Unrestricted. REEL—Must be of standard manufacture as regularly supplied by their makers, and sold by them through their regular channels, and fitted with a level-winding device. No additions of any description will be allowed under these rules.

"LINE—Must be of strength test not less than ten pounds, and each contestant must submit his line for official test before casting in any recognized event, which shall consist of lifting any official ten-pound weight with it from the ground or platform.

"WEIGHT—No casting weight or plug shall weigh in excess of 3/4 ounce, length overall to be not more than three inches or be less than one inch at its greatest diameter.

"CASTING—Single handed only.

"SCORING—Three casts at each of ten targets will be scored as follows:

"Five points for a perfect on the first cast.

"Three points for a perfect on the second cast.

"Two points for a perfect on the third cast.

"If casting weight falls on or within the circle the cast shall be scored 'perfect.' If casting weight falls outside the circle, it will be scored 'zero.' No fouls will be allowed except for outside interference.

"TARGETS—Ten targets consisting of six not to exceed thirty-inch rings, and four targets, nearest to casting point, each eighteen inches in diameter, scattered at random, shall be anchored at unknown distances to the caster. (Clubs having at their immediate disposal but five targets may rotate contestants from targets one to five.) No target shall be at a distance greater than eighty feet, or at a distance less than forty feet from the casting point.

"METHOD OF CASTING—Free style unless otherwise specified. Caster will rotate casting at targets from one to ten. (Clubs having at their immediate disposal but five targets may rotate contestants from targets one to five, and again from one to five, provided that targets numbers one and five are set at different distances), and as caster moves to next casting position, next caster will take the position vacated. No caster will vacate position just completed until caster occupying next position shall have completed his third cast. The first five targets must be cast from a sitting position and the last five from a standing position.

"DETERMINING WINNERS—The caster having completed the necessary thirty casts (three casts at each of ten targets), and having the highest number of credit points shall be declared the winner. The caster having scored the next highest number of credit points shall be declared

(Continued on page 15)

POT SHOTS & NIBBLES

Izaak Walton Walks at Evening

All day I had fished the brawling creek
Through the lazy late spring hours,
When the dogwood showed on the high
green hills
And the smell of laurel flowers

Came down on a wind through the faint
gold haze
That obscured the wooded valleys
And the paths between trees on the stream's
bank looked
Like dark pine-carpeted alleys.

As I paused at a pool for a last long cast,
For the day's catch had been meager,
I casually glanced at the farther bank
And thought that I saw the figure

Of a quaint old man dressed in sporting
clothes
In the fashion of long ago.
He was pale and thin as woodfire smoke;
By his eyes I seemed to know

That this was never a man, but a ghost
Come back, that the Angler's spirit
Was awaiting the rise and the swirling
sound
When a trout breaks water. To hear it

He seemed to lean over the quiet pool
Where the rainbow fish were sleeping;
As my Coachman settled, a giant trout
With a vicious lunge went leaping

To the head of the pool where the ripples
froth,
But I checked him gradually
And played and netted and creeled him,
Then raised my eyes to see

If the Angler's ghost had been watching me,
And I saw by the willows moving
The fading shape of a quaint old man
And the nod of his head approving.

And I thought I heard as he disappeared
Some indistinct last words
Which seemed to come from a long way off
Like the call of far night-birds:

"My hands have longed for the feel of a rod
And the fish I shall not be catching
When the willow trees are green with spring
And the flies are hatching.

"There's nothing in heaven like a riffled
stream
And a rod-tip lashing
And a savage rise for a hackled fly
And a trout in the current flashing."

Richard Epler

THE EXODUS

A Terrapin and a Tarpon
Were conferin' in the Bay.
Said the Tarpon to the Terrapin:
"I must soon be on my way,
For the Rodeo is comin',
I can feel it in my fins;
And my appetite and temper
Are my main besettin' sins.
When I behold those dusters,
And those spoons, and common squids,
I simply cannot act my age,
My judgment takes the skids.
Although I know about the hook,
And see the line and boat;
That temptin' lure keeps teasin' me,
Until it gets my goat.
They gaffed me twice in Texas,
And believe me when I say,
They measured me and took a scale,
Then let me go my way.
Though somewhat of a stranger
In the waters hereabout,
I understand they gaff you,
And they lift you right on out.
For a Tarpon with my weakness,
And no sales-resistance stuff,
This territory's dangerous;
They play the game too rough.
So I'll take a swing to Texas,
And I'll linger on the trip;
Before I go I'll see my friends,
And give them all a tip.
We'll clear out while the frolic lasts,
They'll never guess the reason.
Then drift back in and stick around,
"Till next year's Rodeo Season."

Frank W. Wilmore

Fishin' Bug Will Bite You— "If You Don't Watch Out"

"Mother, what's that figure toiling in the
boiling summer sun?"
"That's your father, dangling fish-lines, get-
ting all his tiring done."
"What's that wild-eyed glaring ranter, eye-
ing you with dirty looks?"
"That's your father counting sinkers, sorting
out his fishing hooks."

"What's that figure skipping madly on the
lawn at night so late?"
"That's your papa grabbing crawlers, scram-
bling for his daily bait."
"What's that wildly warring blither, screech-
ing loud with curse and blast?"
"That human semaphore's your papa, trying
to improve his cast."

"What's that mouthing idiot saying, what's
he gibbering about?"
"That's your pa in frantic fervor, praying
for a speckled trout."
"Why the mortgage on the homestead, why
the chattels sold for debts?"
"That's for father's fishing tackle, boots and
rods and landing nets."

Yes, I took him to a doctor, learned, solemn,
old, and wise.
Pop began to rave on muskies, reels and
creels and feathered flies:
Muttered, wild, about a river where the
bass and salmon throng.
Pop broke loose and went off fishing—and
the doctor went along

George F. Shepherd

Discontent

Chained up; et by fleas 'n' skeeters
Hunting togs stowed on the shelf.
The boss jest stops for a can o' fishworms
Then goes away all by himself.

Dissatisfaction rules the kennel,
Sorrow 'n' wailing rends the ears,
Ain't it HELL to be a houn' dawg
When spring fishin' time appears.

F. S. Streever

By John Held Jr.

SPORTING PUPS



INTRODUCING FISH-O

(Continued from page 13)

the runner-up, etc., etc.

"DECIDING TIES—In the event two or more competing casters finish with the same number of credit points, the caster having made the greatest number of perfect initial casts shall be declared the winner. However should a tie still exist, then the total number of perfects made by the tied contestants in second casts at each target shall be considered in determining the winner. Should a tie still exist, then perfects made by the tied contestants in the third casts at each target shall be considered in determining the winner. Only after the above determination has failed to break the tie will contestants recast or cast off for position."

In the fly casting events, the point is to make casts at five horizontal targets in succession, located at unknown distances, from twenty to forty feet from the casting platform. In the first round, which will be confined to dry fly casting, the participant may have only three casts at each target. Thirty-inch round targets, horizontal, not vertical, are suggested but twenty-eight-inch targets will be permitted. The idea is to permit the use of twenty-eight-inch bicycle tires, which are easy to obtain, thus obviating the necessity of making special targets.

Only perfect casts which land in or on the ring target constitute scores. If a perfect cast is made on the first attempt, it counts five points for the caster. If the caster should fail to make a perfect cast on the first try but should make a perfect cast on the second try he scores three points. If he should fail on the first and second attempts and should make a perfect cast on the third try he scores only one point. He can make only one score on each target and in each attempt the fly must float in order to score. A touch on the water or surface of the casting space or a sunken fly on the water in extending the cast or sunken fly counts as a cast, but not as a score. Time will constitute a major factor in this contest.

The second round will be restricted to wet fly casting. A time limit of not more than one and one-half minutes casting at each target is imposed. A difference in the wet fly casting round is that perfect casts score only three points each. The contestant will cast at each ring target until it is scored before he advances to the next ring target, until all five rings have been scored. He then starts in again at the first ring and continues until time is called.

The third round is devoted to "roll," or "switch" casting. The same time limit of not more than one and one-half minutes to each target and the same order of casting will be observed. Each perfect cast scores five points. The highest total of points constitutes the winner.

Rods, lures, reels, leaders and flies used in the fly casting game must be of standard manufacture. Leader and fly are unrestricted. The same outfit must be used throughout all events without change except in the cast of a broken or lost fly and, in that cast, no allowance is made for time out in making the change. Any fly with hook cut off is permissible to use in the contest.

For the sake of speeding up the game, entrants will work in pairs, with one of the number scoring in his idle time as the casters pass around. Waiting contestants may also act as scorers

(Continued on page 22)



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FISHING

Edited by
BREEMS FORREST

REASON for STREAMERS



Photo Courtesy of Canadian Pacific Railway

Small mouth bass in fast water are great sport

DURING THE LAST few years the streamer fly has grabbed a wide slice of the angler's affection for itself as a lure for trout. And apparently with plenty of reason as scores of letters this writer has seen will testify.

There are any number of different types of streamer flies and generally speaking, any fly which has the elongated wing which gives it the appearance of a minnow when in the water comes properly under the classification.

We ourselves have been using streamers for a good many years and with what seems to us to have been considerable success. Long ago we proved, to our own satisfaction at least, that a streamer when it is fished with the idea of making it act like a minnow acts when lazying along the stream-bed will take the very largest trout in sight.

Last spring, while fishing one of the home streams which certainly gets more than its rightful share of fishing, we combed a nice run with a cast of wet flies, up and down, and we fished carefully. When nothing stirred but two or three recently stocked eight-inches we changed to a Yellow Tiger streamer. Half way down the run a jutting stump caused a back-eddy and as our fly hit the pocket and started out into the current we saw a trout following. On the third cast he took it and his hide now hangs along with some of his brothers and cousins on the wall of our office. The trout, a brown, weighed four pounds, two ounces. A four-pound brown is not the largest brown in the world by a long way, but from any stream in New York state such a fish is worth a lot of fishing for.

One of the reasons for the popularity of the streamer is the ease with which it can be fished. Streamer fishing is considerably easier on the wrist than dry fly fishing and requires none of the expertness necessary to fish wet flies upstream. We have seen any number of anglers who had very little experience with any sort of fly fishing start out with a streamer and get the hang of it before

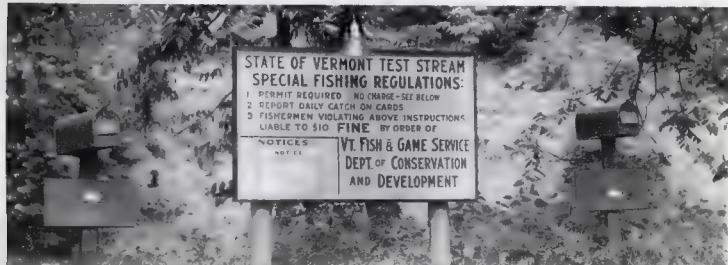
they reached the first bend in the river on their initial trip.

We ourselves have been paying particular attention during the last four years to conditions under which the streamer seems to be most effective and while there are always times when trout "take" better than they do at others, we haven't been able to determine yet whether the long wet flies are better in the early spring, in early summer, late summer or on high or low water. Trout seem to take them from opening day on with no regard whatever for the season, the clearness or mugginess of the stream and regardless of whether the day is dulled with an overhung sky or pierced with a sun which will burn a hole in the back of the angler's neck. We have taken browns, brooks and rainbows with them from water so clear that every mark on the fish could be seen before he struck.

Almost without exception, streamers are fished simply: across to the opposite bank with care being taken to get them right smack up against the bank or log, and are then started out into mid-stream so that they jerk along just under the surface and swing downstream at an angle when the current takes them. There are some variations in the motion which is given the streamer by lifting and lowering the rod tip as the retrieve is being made, but they are all aimed at the same thing. Whether this motion is a sort of wiggly crawl, a long draw of two or three feet or something more modest and half-way between the two actions depends upon the angler's fancy at the moment. Sometimes one action seems to work best, sometimes another, and we have taken plenty of trout when the streamer was doing nothing more than coming along slowly and sedately and acting as if it didn't have a care in the world.

While we cannot honestly say that any one method of giving a streamer action is better than another, we usually use the long draw ourselves, but it may be merely a matter of habit, like changing gears on a hill or turning our fishing hat back to front if the going is slower than it should be.

There does seem to be plenty of reason to believe that some patterns of streamers are better than others, however, and the Yellow Tiger, mentioned before in this department, seems to be one of the very best. Before we started using the Yellow Tiger three



Letter boxes along Vermont's test streams, where anglers must deposit a record of their day's fishing effort

U.S. Bureau of Fisheries Photo

years ago we stuck pretty well to a Polar Bear with a Lord Denby running a close second. Before that we favored a squirrel-tail and have taken our share of trout on all of them. The Yellow Tiger does seem to be the best all-around pattern we have found, and last year we started using a size 6 where before that a size 8 was a favorite. The size of the fly seems to have something to do with its fish-taking qualities, without a doubt, and even on small streams the six appears to get the most attention.

Any yellow streamer, presumably, may be just as effective as the Yellow Tiger, which has a herl body, a red tail and shoulders of Jungle Cock, finished off (if you tie it correctly) with a tag of silver tinsel. The fly is highly visible in the water which is an advantage to the angler because he can follow it easily and see many a fish before the strike.

The Polar Bear streamer has wings of polar hair, which is white with a yellowish tinge. This streamer is tied with two different colored bodies, one red with silver tinsel ribbing and one orange with the same ribbing. We always preferred the red body but here again it may be nothing but fancy.

The Mickey Finn, about which John Alden Knight wrote in the March issue of this Magazine, and which is now being tied by a number of fly manufacturers is an excellent streamer. Red and white combinations have always been popular colors for bass lures, either flies or plugs, but have never been widely used for trout in the United States but there is no question about it that the Mickey Finn is a taker. In fact, the following letter from friend Charlie Summerson who knows something about flies after some thirty years fishing experience shows that the Mickey Finn will take something beside trout:

Fishing Editor, Hunting & Fishing—Certainly enjoyed that Mickey Finn story in March Hunting & Fishing. What Professor Knight says about the fish taking ability of this fly is all true. I know whereof I speak as I run a sporting camp at the mouth of the Tabusintac River in New Brunswick and have seen this red and yellow bucktail take not only trout but SALMON when all other flies failed.

My faith in this pattern is not based on a few days only. Checking back over my records I find that I started to use this fly way back in 1928. Until I read the Knight article, I did not realize that others were using this fly with the same good results—but more power to them.

The most interesting experience I had with the Mickey Finn was when a guest hurried into camp one morning and said that he had only one fly to fish for salmon. He unrolled about the prettiest and most complete set of flies I've ever seen—and I've seen plenty—and asked me to pick out the one which should take fish. After seeing that he had no pattern which even closely resembled the Mickey Finn, and having been out early that morning and hooked three fine salmon on this fly, I suggested that he take a Mickey of mine with him up river. He wouldn't do it. About two hours later he came back and said there were no fish in the river, he hadn't had a single strike. This time I insisted that he try the Mickey Finn. The result was that inside of another two hours he came back with a big smile on his face and three big salmon in the canoe. And that was just one experience.—Charlie Summerson, Tabusintac, New Brunswick

Some writers claim that trout strike at the head of a streamer and Hewitt says that such flies should be tied with long wings on a short hook for this reason, but our own experience has convinced us conclusively that the extra-long shank hook is the proper hook for this purpose. Very few trout will strike a streamer short unless it



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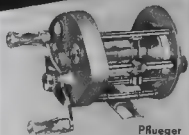
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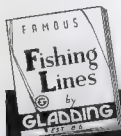
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is being retrieved directly upstream and even then it won't happen often.

Crappie and Calicos

Among the spring-run fish which provide the opportunity for some angling exercise before the season for black bass gets underway in the northern sections of the United States are the crappie and the calico bass. These fish are closely related but readily distinguished both by coloration and by the number of spines in the dorsal fin. (The dorsal fin is the large fin on the back of the fish). The crappie has six of these spines and the calico bass has seven, or sometimes eight. The calico bass, depending somewhat on the water it comes from, is much darker in general coloration than the crappie and is marked with dark, irregular blotches which frequently appear to be almost black. The crappie, on the other hand, is more silvery and free from these body markings.

In sections of the country where the calicos are really numerous they provide good fishing soon after the ice goes out. They work up the creeks from the lakes in large numbers and feed hungrily on minnows and worm baits; then catches heavy enough to feed an entire hungry family are often taken. Small hooks, not larger than Size 8, are best for both crappie and calicos and no long leader is necessary at this time of the year. While many anglers use bobbers, it is better to dispense with this if the fishing is being done with a rod long enough to keep the bait off the bottom and out of the weeds without it. The little beggars strike quickly and the elimination of slack which usually accompanies bobber fishing is an advantage when the action is fast. Use a light rod, reel and line for this spring fishing, and it's fun for the whole family.

Saving Fish

There is no more widespread idea among fishermen, and particularly trout fishermen, than that the proper way to handle a fish which is to be returned to the water is to wet the hands before picking it up. This theory is being questioned more and more by hatchery workers who handle fish a lot and by fishermen themselves who have given it some thought and study.

Theoretically, wetting the hands saves the fish's life by preventing fractures of the slippery film which covers the body of the fish. Break this film, we have been told, and it gives bacteria a chance to attack the fish and kill it.

That is the theory of it, but countless numbers of small fish are killed by anglers who wet their hands before removing the hook but who, because they did wet their hands, have to grip the fish so hard to hold it that its gills or other parts are injured. Actually it is better to break the body film than to injure the fish in this other way, as has been proven in many hatcheries.

Some anglers brag of never using a net but when it comes to being able to return a fish to the water uninjured a net is almost indispensable. It is an easy matter to pick up a fish in the net and remove the hook without touching the fish at all. If the hook is so deeply embedded that the fish bleeds, it is a dead fish anyway, whether touched with the hands or not. Trout especially are hard to handle without injuring them and every trout fisherman should carry a net just for this very reason.

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No Fly Hatches

Some trout streams, usually in sections which are well cultivated, have few important fly hatches. Many streams never see a May fly hatch, which both here and in England is considered the best hatch of the lot, and not only do these streams see no May flies, but they see very few water-bred flies of any kind.

The reason usually is traceable to the fact that the stream flows through a countryside from which most of the timber has been cut and through which have been built hard-surfaced roads along with drainage ditches which flood the stream during the spring freshets and allow it to come close to drying up entirely during mid-summer. Such a combination is more than the insect life of the stream can stand. Larva which isn't washed away during flood water is burned out during low water, and as a consequence insect life in such streams is negligible.

Streams in Canada, particularly those north of Lake Superior, have heavy fly hatches. Streams in the Catskills of New York state are among some of the most prolific fly-hatch streams in America and they are run a close second by most northern Michigan streams. Streams such as the Au Sable, the Pere Marquette, the Pine and the Boardman in Michigan have every physical quality to promote heavy fly hatches. Their flow remains constant and they flow through country where second-growth timber is abundant. Even on the Au Sable below Mio, where once every 24 hours through the week the stream flow drops to almost a trickle, this low water period does not, apparently, injure the embryo caddis, May

and other flies which are buried among the stones and sand of the bed, because they are covered again before they have dried out. It is the streams which shrink to trickles, and stay shrunk, and streams which are washed so heavily that every stone in the bottom is turned by the current, which have no chance to grow a crop of trout food which has wings.

Keeping Worms

One of our western readers wants to know if there is any method of keeping worms for a period of several weeks during the time when it is difficult to dig them because dry weather has driven them too deep to find.

Worms can be kept for months in proper beds. These are usually prepared of moss but professional worm farmers keep the composition of their beds a deep, dark secret. Most of them spend a long time experimenting to find out just what combinations of moss, leaves or other substances are most suitable so no one can blame them for keeping the information to themselves.

It is a simple matter to keep worms healthy for several weeks, at least, by making a bed of moss in a large, flat wooden box. Leaf mould can be added and the worms will feed on this but if it is used they will need scouring before use just as do worms freshly dug out of the earth. Clean moss, free of mould or peat, keeps the worms scoured and they can be fed on cornmeal with an occasional sprinkling of egg yolk which has been boiled hard and crumbled.

The amateur worm farmer is very likely to make the mistake of letting the bed go sour. It must be kept damp—but no more than damp, and no water at all must be allowed to soak into the wood or mildew

will soon cause plenty of casualties. The bed should be kept in a woodshed and kept out of the light. Covering with damp burlap will keep it moist enough even in hot weather and will keep the temperature down also. Coffee grounds can be used for food occasionally, and so can oatmeal, but whatever is fed should be fed very sparingly by sprinkling over the bed.

Salt Water Angles

About Salt Water Lines

THERE is one real all-around line for salt water fishing: the cuttyhunk which is made from good linen. It has the lasting quality, the pliability that makes for even spooling and unspooling, and with decent treatment lasts for a surprisingly long time. As a rule it comes in natural white or in green color although one company had the very good idea of getting it out in colors which change every ten yards. Don't try to makeshift and use some of your old freshwater line for salt water fishing. It will pay you dividends in the long run to buy a good cuttyhunk for your trips to the briny deep.

The size of cuttyhunk line is generally designated by the number of threads. For example, the lightest cuttyhunk is six thread which simply means that in this size there are six separate threads twisted together. The test of most cuttyhunks now is three pounds to the thread, so that 6 thread may also be designated as 18 Lb. test line, 9 thread as 27 pound test, etc. Cuttyhunks size increase in multiples of three, from 6 up to 72, although 54 thread is about as heavy as you'll need even for a world's record tuna or marlin.

The size of the line that you want for

that is a different story. There you can go as light as you want—depending of course on the fish you're seeking at the moment. For blues and weaks on light trolling tackle, the 6 and 9 thread will be strong enough. The same sizes are right for small stripers up to fifteen pounds or so. For school tuna—the 10 to 40 pounders—we would not recommend much less than 15 thread with 18 to 21 being a better bet. The 15 is a good size for 20 to 30 lb. pollock if you are using a medium boat rod. In all cases the rod has a good deal to do with the size of line as there is a balance between rod and line in salt water fishing—even trolling—just as there is in fly fishing. For example, if you're using light lines—6 to 12 thread—you'll want a fairly limber rod to help absorb the shock of sudden hard strikes or rushes.

If you are going offshore for some of those giant bluefish that have been holding the limelight of late years all along the Atlantic coast from New Jersey to Nova Scotia, you'll want to go no finer than the 24 thread size—and that only for the hundred pounders. Where you're trolling a mackerel, fresh squid or chumming and using herring for bait for those big blue torpedoes which run from 300 pounds and up, we'd not trust anything less than 39 thread with the 54 thread for beginners who may be apt to hold 'em tight.

As to length of line for blues, stripers and weaks, we'd set an absolute minimum of 200 yards—this whether you use 6, 9, 12, 15 or 18 thread for your surf casting jaunts. We've seen stripers of around forty pounds pick up a bait at the end of an eighty-yard-cast and go for another hundred before they could be turned; and under such circum-



The guide exhibits the Nova Scotia chum-line while the angler pumps a tuna

stances the balance of 20 yards of line left on your reel spool seems little enough. For tuna fishing for those leviathans, you'll want to fill your 10/0 or 12/0 reel right up until you have only a comfortable margin left between the cross bars and the line. We had one tuna hit one of our outriggers a couple of years ago and take so much of 500 yards of line from our reel that the spool was no bigger around than your thumb when the fish slackened off. Plenty of line is a good rule.

NEXT MONTH

Be sure to see this Department next month when Breems Forrest will give you more helpful fishing tips.



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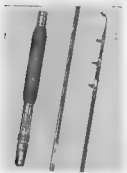
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JAMISON'S
Prize-Winning
FLIES AND LURES

tached, the silk wrapped, the rod varnished, rubbed and revarnished.

When after two months, the rod was finished, Isaac wrote that he was shipping it down to me immediately. It was not until a week had passed with neither rod nor word from him that I worried a bit.

Then, on a raw February evening, the postman left the rod package and a letter. The letter was addressed to Dad and in an unfamiliar handwriting.

I had taken a light reel from my tackle kit and was futing it to the new rod when Dad came into the room.

"There's a letter for you on the table, Dad," I said, absorbed in my new gift.

There are in the world a few rare fly rods with that certain *fit or feel* which goes straight to a man's heart; and Isaac's rod was like that, so flawlessly built that I knew, without a single trial cast, that it was the truest work the old rod-maker had ever done. It felt as if he had expressed in split bamboo all the knowledge and wisdom of his long full life.

I turned to Dad enthusiastically, but the sight of his pale, drawn face jolted every thing else out of mind.

"Why, Dad," I said. "What's the matter?"

He handed me the letter silently. It was from Eb Werner, the storekeeper up at Fiddler's Farthing:

Dear George:

I would rather do anything than have to bring you these ill tidings, but—well, Isaac died yesterday. I know how that must affect you. We all feel keenly about it.

Now that he is gone beyond his hills, I can tell you the whole story. I have stayed with him for the past three months. You see, shortly after winter set in, his eyesight faded until he became stone-blind. He swore me to secrecy about that. He didn't want anyone to know, especially you and Fred.

Every evening, as soon as I closed the store, I would go and cook him a warm meal and stay with him all night. During the day he insisted on fending for himself. I saw no harm in that, for he did nothing all day but sit at his bench working with painful care on what he called his greatest rod.

The day before yesterday was bitterly cold up here, and when I got to the shop that evening, Isaac was not at his bench nor in his room. I found him lying in the snow, an empty coal bucket beside him only a few yards from the back door. Evidently he had tried to get to the coal shed, but had lost his bearings and suffered a heavy fall. He was alive when I got him into the house, though very weak from exposure. He died yesterday morning.

I am sending Fred's rod. Isaac finished it just last week.

Sincerely,
Eb.

The next spring Dad and I packed up into the Heart's Desires for Opening Day. We camped on the headwaters of Broken-grass Creek. Dad's first fish of the season was a husky brook trout which came to net after a stiff fight. When Dad slipped the hook and watched the trout dart back into the pool, I understood. Neither Dad nor I have killed a fish since. That is our tribute to the memory of Isaac Unger.



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By SAMUEL G. CAMP



This book treats systematically the subject of tackle, and, in addition, suggests what tackle to select for the brook trout, the black bass, and other sport-water game fishes. The man who relies upon angling as the medium of his communication with the open canvas place too much importance on the quality and suitability of the fishing kit.

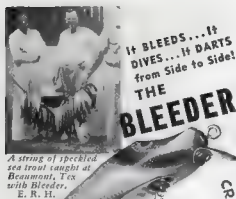
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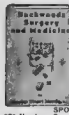
A string of speckled sea trout caught at Beaumont, Tex with Bleeder.
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getting ribbed, anyhow)... for I was pretending to be fishing... and my hook as bare of bait as the top of your head is of hair... and when he'd taken eight he turned on me with a sardonic grin and asked, 'Haven't WE enough?' And you bet I readily assented. Must have been my nightwalkers acted like chum and kept the school there and in feeding mood."

"I wasn't worrying what he was going to tell the Senator as long as I'd made my 'out.' So I was surprised when he nodded me into his office first thing in the morning. Somehow he didn't seem to look as much like a snapping turtle as usual. 'Henry, my boy,' he said slowly, 'when I got home last night I opened up all the perch... that's the only way to get the inside information on what a fish has been feeding, isn't it?'—(which was like the Old Man to do a thing like that; he never leaves a stone unturned to get at the truth, not even a gall-stone)—and you were right... every one of them was full of nightwalkers; nothing but nightwalkers!"

"Well, Chief," I answered, "I really believe I made a lucky guess... but anyway, you'll feel better about telling Senator Sirocco."

"We have another telegram here from him now," he replied; "it says, 'Disregard last letter about PERCH... I find I mistook PIKE for PERCH in handwriting... and besides, I am not going on trip.' But say, Henry," he turned again to me, "suppose we go up to the Lake again Saturday and give them another whirl—with nightcrawlers!"

A GENTLEMAN MUST ASSENT

(Continued from page 12)

summer pack-trip through the Teton Range of the Rockies. There were ten of us in the party with Yours Truly acting as chief cook and bottle washer. Packing enough food for seven hungry youngsters and three adults for a two weeks' trip necessitated considerable planning as we tried to take every one's preferences into consideration. I recall that the greatest complaint was our inability to take butter. This particularly remained in mind as my own peculiar taste is such that butter is never on my menu; so the lack of this staple was not bothersome. But a similar trip today would find butter on the daily menu no matter how far back into the mountains the party might go as it is available in cans and tastes just as good as if it had come fresh from the dairy.

Another contrast in modern food convenience as against the past is the matter of eggs. Many years ago we took an extended canoe trip through the wilderness of New Brunswick. There were six in the party and we had to start with complete food supplies as our route did not bring us within striking distance of a single town or habitation of any kind. One of our most prized possessions was a crate of eggs which had to be handled with care during the numerous rough, and often trailless portages. All went well until toward the end of the trip when we hit a rocky portage late in the afternoon of an exceedingly rainy day. Just who was carrying the egg crate—still containing at

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BASS Moccasins

least two dozen precious hen fruit—does not matter so much as the fact that my wet moccasins, the slippery rocks plus my usual awkwardness resulted in my feet suddenly shooting up into the air. The crate of eggs seemed to take wings—but only momentarily before landing with a liquid crash which I can still hear. We named the carry Eggshell Portage and breakfasted on fish for the next four days. Such an accident would not have to happen today with the procurability of egg powders which need only the addition of water—canned milk if you prefer—heat, stir, and eat as fine a mess of scrambled eggs as you could desire.

Still again, the camp cook's job is very much enlightened by prepared flours which need nothing more than a dash of water, a quick stir and a reflector oven in order to turn out delicious and fluffy biscuits.

Not too many years ago, campers went without milk or cream unless they happened to be taking a trip through a farming country where they could buy an occasional bottle from a local farmer. But now you have not only canned liquid milk but your choice of liquid, sweetened cream, or powdered milk. If Neanderthal man could return just long enough to sit beside our evening campfire for a meal, his eyes would bug out so that you could lasso 'em. Milk from a can instead of a cow! Fresh vegetables which have held their tastiness inside of a sealed and sanitary can for months. Concentrated powders which need only hot water to transform them into magical soups... not to mention fire from white-hot headed toothpicks. Spices from every corner of the earth to help make the fresh-caught fish or meat more appetizing to the most listless palate.

All these things are as handy as your telephone or the nearest store or mailbox. There are a great many stores or outfitters who, if you will tell them that there are three in your party and that you expect to be in the woods for two weeks, will make up your grub list complete from the soup course to desserts. Furthermore many of these places will have these packed for canoe or packtravel and shipped to your point of departure. That is service—the kind of service to which we can give a hearty nod of approval plus a vote of thanks for the advancements in the manufacture, and merchandising of our food products of today. In home or in camp, perhaps too few of us have realized the remarkable improvements in food retailing which make our indoor and outdoor meals tastier, easier and happier ones.

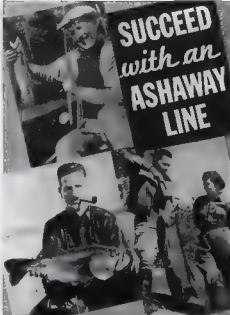
In fact, our greatest worry, as the men of the family, is in giving assent to what we want to eat and in choosing from the greatest variety of foods ever offered to any civilization.

PLAYFUL BRUTUS

(Continued from page 9)

an ear-splitting bellow broke the hushed stillness of the winter day. Both men stopped in their tracks, thunderstruck. "My God!" gasped John, looking at Frank. "What was that?"

Wide-eyed, Frank stared back. Another deep-throated rumble came from the clump of trees followed immediately by the crashing charge of some huge animal—and two thousand pounds of fighting red bull burst into the open.



SUCCEED with an ASHAWAY LINE

Top: S. H. Howard—Ogoki River, Ont., speckled trout. Left: A. M. Lamond—South Corralino, black bass. Right: Mr. and Mrs. Erik Roll—Lake of the Woods, Ont., muscoglines.

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we drew them to the very mouth of the creek, only to have them break when they saw us, and go downstream together in the deep, swift water. At last, however, they began to tire, and we drew them gradually into the mouth of the stream. Then I handed my rod to Uncle John, and, making a wide circle, approached from below them. What a commotion when they saw me! Luckily they were going in the right direction now, so with Uncle John holding a tight line, and me urging them on from behind, we soon had them on dry land. We were amazed at the size of the big fellow he had hooked.

"Son, that fellow'll take the prize," he remarked, proudly, as he held him up to admire him.

"He's enough for anyone on one day," I agreed, wholeheartedly. "But now we had better get home, fill you up with liniment or whiskey. That water's too cold to go swimming in."

"I'll go with you on one condition," Uncle John remarked.

"Name it," I said, wondering what was coming now.

"Let me go into the house ahead of you and hide the liniment bottle," he replied, and I agreed.

It was a month before I saw Uncle John and Aunt Myra again. The first thing I thought of was his new fishing outfit, for he had written me that his fish had won the first prize in the contest. Aunt Myra was gathering the eggs when I mentioned the matter of the prize to Uncle John, and expressed a desire to see the new outfit which he seemed to enjoy with the prize money. He seemed oddly embarrassed.

"You know, Son, you've always tried to make a good sportsman out of me," he began. I nodded, puzzled at his attitude.

"You taught me to use 'rod' instead of 'pole,' to use 'fly' instead of 'worms.' Again I nodded.

"Well," he continued, meditatively, "I just got to thinking it wasn't very sportsman-like to have your Aunt Myra bending over an old washboard just so I could have a lot of new sporting equipment, so I just bought her this with my prize money." He led the way to the little laundry, and proudly pointed at a brand new gasoline-powered washing machine. "You see, it'll save her a lot of work," he concluded.

I gazed at my Uncle with a new feeling of respect for him. No one knew better than I what a sacrifice he had made when he gave up the new equipment he had planned on buying.

"Uncle John," I said solemnly, "you're a full-fledged, first class sportsman, if there ever was one."

He looked at me with a twinkle in his eyes.

"No, Son, I'm just a second class sportsman. Your Aunt is the first class one."

"Look here," and he drew back the curtain which hung over the door of the little closet in the corner of the room. There hung new waders, rod, reel, and various other articles I had heard him wish for.

"But where did all these things come from?" I inquired, amazed.

Uncle John grinned contentedly. "You see, when I bought the washer for your Aunt with my prize money, she bought this stuff for me with some of her butter and egg money," he answered. "That's why I call her a first class sportsman."



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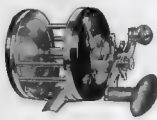
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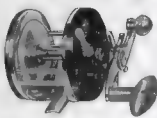
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- No need to hold a flashlight in one hand and attempt to work with the other. With the improved, exclusive FLEXI-LITE YOU adjust the light right where you need it and you have both hands free to work.
- Set it down. Stand it up. Clip to your belt or buttonhole.
- Finest construction. High-grade fiber. Standard size bulb and batteries. Be the owner of this matchless light. Send \$1.00 check, cash or money order. Flexi-lite by return mail.



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Money Back Guarantee!
GILBERT SALES
616 BUCKINGHAM BLDG., CHICAGO, ILL.

WHAT'S NEW?

Ashaway Introduces Line

Demonstrated at Chicago, Boston and New York Sportsmen's Shows a new bait-casting line made of nylon has aroused interest and favorable comment among fishermen visiting the Ashaway Line & Twine Manufacturing Company's exhibit.

Nylon, a chemically developed product produced by the du Pont Company, looks and acts like silk and is just as pliable besides being exceptionally strong and durable. A waterproofed black line for both bait casting and trolling has been developed. This is available in various test strengths. Untreated bait casting lines of the same material will be available in two colors. Outdoor Green and White.

Flatfish Family Grows

Bait casters, who welcomed the Flatfish two years ago when it was introduced by the Helin Tackle Company, will be glad to learn that the M3 musky-lake trout model is being put out this year in addition to the four standard models. There are also two new fly rod sizes, F7, 1/12 ounce and F6, 1/16 ounce respectively. These new models have only two number 12 offset hooks.

Vitamins for Dogs

A new product, "Vitapets," a supplement to the dog's daily diet, has been added to the famous Sergeant's line, it is announced by the Polk Miller Products Corporation. After a long period of research and dog feeding this product, in the form of a small capsule, is put upon the market.

Medical research has proved that vitamins are as important to dogs as to man and lack of certain vitamins is said to cause diseases in dogs just as vitamin deficiency can result in serious human ailments. Vitapets contain vitamins A, D, B, all of which are important in the dog's regular diet.

Steel Leader

Guaranteed to add 50% to the strength of all lines and do away with breaking at the knots is L. A. Kraft's new stainless steel leader being introduced this season.

Hook Guard and Sinker

Two new items that warrant a place in the tackle box this spring are the Snapz-On Hook Guard and the Raparoud Invisible Ribbon Sinker, both being marketed by Pachner & Koller.

The Snapz-On is a detachable guard that makes nearly all types of fishhooks weedless. It differs from other similar devices as it breaks down on the strike so that guard arms do not interfere with unhooking of the fish. It can immediately be snapped back into position.

The new sinker is a thin leaden ribbon easily and quickly attached by wrapping around the leader or line close to the hook.

Photo Catalog

Burke and James announce that an 80 page catalog of photo supplies and information is available for the asking. This catalog gives a complete listing of the latest type of equipment.

Look-Alive Minnow

E. H. Peckinbaugh, master creator of hand-made lures, has just announced a new fly rod lure made in six lifelike baby fish patterns that make bass, wall-eyes, trout, salmon and other game fish striking crazy. A catalog of record catching bait and fly casting lures is available upon request.

Tuf-Foot

Your bound or pet dog is only as good as his feet. Tuf-Foot is a special preparation for toughening the pads yet sufficiently pliable not to crack under the most trying conditions. It is easily applied and absolutely harmless.

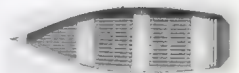
Fish Pole Clamps

An inexpensive fish pole carrier that can be quickly attached to side or top of car fills a real need for sportsmen. These Auto-Klamps are being introduced by Snyder Distributing Company. No tools are required for attachment.

Instant Firelighter

A new type of highly impregnated wood fire lighter being introduced by the Neverool Bearing Co. will be of great value to every sportsman whether he camps outdoors or in a cottage. The lighters come attractively packaged two dozen in a box and are guaranteed to light instantly and not to be affected by moisture.

Portage Metal Boat



A revolutionary new light weight metal boat being built by the Star Tank and Boat Company is the Star Portage, weighing only 50 pounds. One person can easily handle it alone. It can be carried on top of any automobile. Sturdy 16 gauge Dowmetal is used in the construction. This metal weighs one-third less than aluminum and is the strongest light weight metal known. The Portage has large air tanks and is said to be the only light weight boat that is non-sinkable, is ideal either for rowing or use with outboard motor.

Non-Skid Gripper

The sportsman who fishes slippery streams, especially in the spring, will need the Non-Skid Shoe Gripper being introduced by the Enes Company. These are fine too for walking on slippery streets and roads or through snowy, wet woodlands.

Metative Bait

The Swanberg Metative bait (patents pending) is an unusually designed fishing lure with body shaped from a single piece of seamless brass tubing efficiently sealed to provide air chambers. It has a lifelike and vigorous swimming action, is non-revolving and Julius Swanberg, the originator, says it positively will not twist the line.

Readers wishing further information about products mentioned in this column may address inquiries to "What's New," 275 Newbury St., Boston, Mass.



REDUCED LIABILITIES

NEARLY one-fifth of the 3,070 counties in the United States shared in the distribution of receipts paid into the U. S. Treasury last year by the 158 National Forests administered by the Forest Service of the U. S. Department of Agriculture. Cash receipts amounted to \$4,671,433 of which 16 cents-five per cent was turned over to 38 States, as well as Alaska and Puerto Rico.

THE Alaska brown bear, largest carnivorous animal in the world, will be protected from the danger of extermination according to Dr. H. J. Shantz, Chief of the Division of Wildlife Management of the U. S. Forest Service. Carefully regulated hunting on Admiralty Island in the Tongass National Forest will protect this king of American game animals which shares honors with the lion of Africa and the tiger of India as a sportsman's trophy.

DR. M. MIECZYNSKI-OWSKY, famous European ichthyologist at Europe's oldest aquarium at Monte Carlo has trained his charges to recognize color and to swim through hoops. By painstaking teaching, Dr. Oskier has trained enough of the flaky tribe to put on a marine circus for the amusement of aquarium visitors.

SPORTSMEN of the United States and Alaska find a total of \$11,418,000 for 8,800,010 hunting licenses in 1937, later this year for which millions of licenses are available. License returns for the country as a whole were nearly a million more over the previous year.

SCIENTISTS of the U. S. Biological Survey and the University of Alaska have bred reindeer and caribou together, the result being a "caribrier," an animal from 50 to 100 pounds heavier than the reindeer.

PENNSYLVANIA Commissioner of Fisheries, C. A. French, reports that during 1938 the conservation department of that state stocked Pennsylvania waters with approximately 174 tons of trout, brook, brown and rainbow. It required an average of 3.59 pounds of food to produce a pound of trout at an average cost of approximately 53 cents per pound of trout.

CENSUS reports show that feeding America's pet dogs has become big business. The annual dog food production of the country is in excess of half a billion pounds and is valued at more than \$25,000,000, the Institute of American Meat Packers reports.

THE BELIEF that snakes swallow their young to protect them when danger is near is a myth. This belief gives the snake credit for a well-developed maternal instinct which does not exist. A cannibalistic snake might swallow its young, but only because the offspring were regarded as so much food.

ACCORDING to J. N. "Ding" Darling, former President of the National Wildlife Federation, "A survey of our country's depleted resources for a forest, wild life, fish, soil and waters, leaves no question to a studious mind that more than 11,000,000 unemployed on our rolls today could be put back to work if the renewable resources were where they belonged."

A TOTAL of 8,737 special stamps for hunting and fishing in the National Forests of the western part of Virginia were sold during the last six months of 1938, proof of the popularity of this area with sportsmen. The revenue from the sale of the stamps will be used for the restoration and protection of wildlife within the area.

A 310-pound wild Prussian bear trod a variety of bow-and arrow hunters near Tellico Plains, Tenn. recently, but was finally felled by a six-tipped broadhead propelled by the 50 pound pull bow of Tom McNish, Madison, Tenn. lumberman.

THE MINNESOTA legislature is considering a proposal for reduction of the non-resident fishing license in that state from \$4 to \$3. In addition, a non-resident family license may be issued for \$4.50, instead of the present requirement that each member purchase a \$4 license. Non-resident children younger than 18 would not be required to purchase a fishing license under the approved legislative proposal.

A MINISTER was baptizing converts in a stream near Cordova, Alabama. Just as one man was about to be submerged he yelled, "wait a minute," but the preacher continued with the ceremony. When the convert came out of the water he ran his hand into the leg of his trousers and pulled out a good sized catfish.

PATHOS and stark moving drama is hidden behind the following notice which appeared recently in the *Treading Post* volume of the Boston Evening Transcript: "For fishing tackle will swap pair of turquoise movie window draperies."

YOU DON'T NEED A THUMB
WITH Shakespeare's NEW
THUMBLESS

Wondereel



BANISHES
BACKLASHES

Wondereel \$8.00
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CASTS
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Now anyone can be a good bait caster without practice. Make long, smooth casts. No thumbing. No backlashes. Ideal for night fishing—beginners—women and children. See this amazing new Wondereel at your dealer's.

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☐ Please send free Fishing Guide and Catalog.

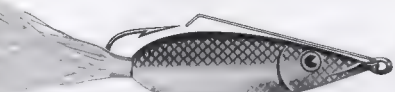
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HAN-D DAN-D
"The Fish-Hook Caddy"
A unique six-tye box for dry flies, split flies, sinkers, etc. No extra cost.
Holds small spinners and spoons held securely without extra tying effort.
Shrink-proof for wet flies.
Waterproof—can leave caddy over night without rusting.
\$4.00 per dozen. (Save 10% on 12 or more.)
Send for your free sample today!

Mandy Specialties Corp., Utica, N.Y.

"This Five Pounder was taken on No. 3 Hawaiian. Best weedless bait ever used,"

says Odie Miller, Hower's Lake, Ohio.



EXTRA SKIRTS, 15c
(Small, 20 streamers, fit this bait.)

5/8 oz., 75c

No. 3 -- Hawaiian Wiggler

This member of the sensational Hawaiian Wiggler family is stream-lined to squirm through the weeds—a joy to cast—most action you ever saw in the water—12 brilliant finishes—just the best weedless bait ever made! A killer!

The patented many tailed rubber Hula Skirt just makes more wiggles than other baits and gets more fish!

My next ads will give you more proof of the killing power of my Hawaiians. Give 'em a try yourself. Look up your dealer or send for my new catalog and dope on how to catch more bass.

FRED ARBOGAST - - - 61 North St., Akron, Ohio



WITH AN EVER increasing number of sportsmen, outboard motors have ceased to be items of luxury or conditional equipment. They have not only become indispensable to fishermen, hunters and campers who travel water-ways close to civilization but have also become "musts" in the outfits of deep-woods sportsmen and guides who penetrate the fastnesses of the north, far from the conveniences of service stations, boat liversies and gasoline pumps. This may sound like a paradox to the uninitiated, and heresy to the hyper-esthetic outdoorsman who likes to envision himself an aboriginal Indian gliding down the moon path of a placid lake in his birch bark canoe, with only a paddle for motive power. As regards the latter, it is not our intention to disillusion any budding Hiawathas, but it will be found that with woodsmen, trappers and rangers—men with whom the woods is a workshop and not a playground—the outboard motor has long replaced the paddle, and that if you could locate the great, great grandfather of Longfellow's famous hero, you'd probably find him plying the "shining big sea water" with an outboard clamped to his canvas-covered canoe. With the great reduction in motor weights, and the increased mileage per gallon of fuel and dependability of operation developed in recent years, it doesn't take much figuring to work out a "pounds of motor and fuel" to "labor accomplished" ratio which proves the outboard literally worth its weight in gold on a wilderness trip. Whether it's putting the miles behind against head winds and heavy seas, or towing one or more empty or fully loaded canoes or boats, the outboard-powered craft does the job reliably and efficiently.

If the outboard motor has become indispensable to men with whom wilderness travel is a vocation, it is certainly even more of a requisite with sportsmen who go into the woods for a vacation. Of necessity, the majority of these vacation trips are limited as far as time is concerned, but whether it's for two weeks or two months, the motor will more than prove its worth in a dozen different ways. On a long trip, where equipment and supplies add up to considerable poundage, you'll find that even the smallest motors will double or even triple paddling speeds and the extra portage loads which motor and fuel necessitate will more than be offset by time and effort saved while on the water. On the short trip, where it is desirable to get as far back into the bush as possible in a limited length of time, the outboard motor will allow you to do just that. You'll be able to cover in a couple of weeks the territory that it would take a month to navigate by paddle, or you can work your way into some back woods camp site and have ample time to fish and explore once you get there in contrast to spending all your time "on the go" if you paddle to reach your objective. A typical example is the situation presented by an Indiana doctor who writes in part: "Each year my partner and I

BACKWOODS WORK *with an* OUTBOARD

"I have at present a 1.1 horse power motor which is in good condition with about 20 hours use on it. The canoe which we use is a 'guide model' eighteen-footer built on quite narrow lines. My partner and myself have a total weight of about 360 pounds and our packs at the start weigh around 400 pounds, making a total of 760 pounds. The canoe weighs between 70 and 80 pounds although on some of the portages I believe it hits 200. As you know, in cruising country like this we must carry all our supplies along so weight is an important consideration."

Our correspondent goes on to inquire what mileage could be safely planned with this outfit under ideal conditions, what would

be the most economical speed to run the motor in order to conserve fuel. Also what side bracket to use and how much would it weigh and what spare parts should be taken along.

In analyzing this problem, we feel it would be safe to estimate that, with a 1.1 horse power motor on an eighteen-foot guide's model canoe loaded with 800 pounds, an average speed of about four miles an hour could be comfortably maintained at a fuel consumption of about 25 miles to the gallon. These are minimum figures, as they should be when planning a trip of this kind. As we see it there are two alternatives open to these sportsmen. Either they may run their motor the entire time and pack along sufficient fuel to do so, or they may use the motor to get back into some particular section they wish to cruise and explore, cache it along with enough gasoline for the return trip, and continue on by paddle. Inasmuch as the sportsmen in question have taken previous trips of three or four weeks duration into the Quetico Park region we can naturally assume that they are relatively familiar with the country and have a pretty definite idea of just where they want to head for this year. Therefore, it should be comparatively simple for them to plan an itinerary which would enable them to get the most efficient labor and time saving service from their motor.

If, for instance, they plan to employ the motor as their sole means of locomotion for the entire two weeks it is obvious that more fuel will be needed than if they merely used it to reach a certain objective, or secondary starting point, from whence they will continue on by paddle. Figuring on two weeks continuous usage of the motor we'll assume that exclusive of portaging they won't spend more than six actual hours per day traveling on the water. Of course, if they are really out to take a flying trip and cover as much territory as possible they will probably spend



Kaufmann-Fabry Photo

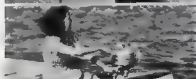
BOATING

By
Hugh Grey

HOW DO I GET OUT OF HERE?



1 Well, lady, that's a problem—unless you've got a Sea-Horse! If you've got a Sea-Horse, you simply reverse. Back up—as you would an automobile. But **ONLY JOHNSON HAS REVERSE!** Here's how it works:



2 Just start your motor. The Ready-Pull Starter does the trick. The Synchronizer lever to regulate speed—turning and throttling for you. Overload.



3 Now just turn the steering handle around and back out. Simple as that! No clutch. No shifting. Turn any way you wish: you've got 360° steering!



4 Feel that sweet-running flow of power! That's Alternate Firing, perfected by Johnson. Two power impulses per revolution—just not smoothness!



5 Away you go—with the secure feeling that comes from driving a DEEP-SEA—also outboard! Don't be wary! Where there's a Sea-Horse—there's a LOT!

THERE are 10 great Sea-Horses for '39. Your dealer will help you choose the proper one. You'll find his name under "Outboard Motors" in your classified telephone directory. See the new Miracle Motor—a bantam weight, alternate firing TWIN, developing 2.5 h.p., possessing all Johnson's famous features and priced at only \$79.50 (f.o.b. factory)! Also see the 5.0 h.p., alternate firing twin at \$109.50 (f.o.b. factory)—the popular motor that continues to smash sales records!

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(1) Perfected Alternate Firing; (2) Built-in REVERSE. Ask to see the rugged, bantam weight Johnson Single that delivers real outboard power and that is priced f.o.b. factory, only **\$49.50**

Ask your dealer about easy time payments.

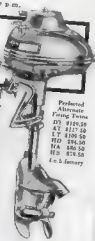
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Johnson Motors of Canada, Peterboro, Canada

*True Rating N.O.A. certified brake h.p. at 4000 r.p.m.

Only Johnson has REVERSE



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Write for your copy of the new Sea-Horse Handy Chart of motor sizes and specifications on the 10 great Sea-Horses for '39. New models! New features! Fully illustrated! Most comprehensive ever published. Sent free!



Preferred Alternate Firing Twin
AT 819.50
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JOHNSON
Sea-horse
OUTBOARD MOTORS

DEALERS: GOOD TERRITORIES OPEN! WRITE!

Clip this blank now and save it for the day that Big One smashes into your lure!

Certificate of Entry — NATIONAL SPORTSMAN and HUNTING & FISHING \$3,000 Prize Fishing Contest for 1939 Now Open

National Sportsman, Inc., 275 Newbury St., Boston, Mass.

Where Caught.....

Kind of fish.....When Caught.....

Nearest To.....State.....

Weight.....Length.....Girth (at fish's largest circumference).....

Important: Give name of manufacturer of the following tackle used in landing your fish:

Make and specifications of rod.....

Make and type of reel.....

Make and type of line.....

Name, make, and type of fly (if fly).....

Name, make, and type of plug or lure.....

Bait used, if bait (**Salt-Water Division only**).....

I hereby swear that I, the undersigned, caught the fish above described on the tackle above listed, in compliance with fish and game laws, and Rules and Regulations of this contest, which I have read carefully, and that all statements pertaining to the catching of the fish are true.

Signed (your name in full).....

Print Last Name and Initials Here.....

Street and Number.....City.....State.....

Your Sporting Goods Dealer's Name and Address.....

Witnesses

We, the undersigned, witnessed the weighing and measuring of the fish above described, and hereby verify all above statements:

1st Witness: signature and address.....

2nd Witness: signature and address.....

Attested by: (If Sporting Goods Dealer).....

Sworn to before me, or (If Notary Public).....

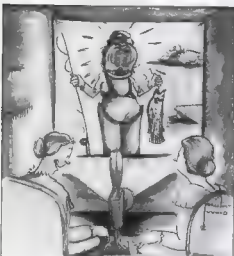
Note: If only one witness was available at the time the fish was caught, so state, and the judges will consider the entry.

This certificate will be void unless mailed within one month after the fish was caught.

HF 5-49

board motor on a canoe weighs approximately 5 pounds and is adjustable as to driving depth. It is easily attached without drilling or marring gunwales and quickly removed whenever desired.

This is only one example of the type of trip that may be taken with an outboard motor; there are dozens of others. This old country of ours is so big and offers such a wide variety of navigable waters, both fresh and salt, that the sportsman who wishes to cruise in a small outboard motor powered craft need only spread before him a map of the section he wishes to travel and plot his course. It is a fascinating vacation prelude to plan a trip of this sort and it is remarkable how all the pieces will fit together after a little juggling. If you are looking for new experiences and a zest to your boating which has hitherto been lacking, plan one of these trips for your summer vacation. You will find that they pay off handsomely in dividends of sport and relaxation.



"That's John there, but the swelling's gone down now!"

POLLUTION BATTLE

Editor, Hunting & Fishing: I am taking the liberty of calling your attention to the tons of fish being murdered, robbed of their natural habitat and otherwise poisoned under our very noses.

Don't think for a minute that Sandusky River is the only one to be blamed. I've seen the Black, Cuyahoga, Maumee and Rocky Rivers at times in no better state. The Rocky River, near our home, simply reeks with foul odors the year round. All the above rivers mentioned empty their cargoes into Lake Erie.

A lot of rood it does to feed ducks in some clubs so notably do, only to have the wildfowl fly out into the lake, where acres of dirty black oil are all too frequently discharged by tankers. I've seen countless bodies of ducks washed up in the fall and spring of the year. Those ducks weren't shot—or bashed by any breaker—their uniform black coating of oil clearly indicated the catastrophe which overtook them.

Man! I'm telling you this problem is a grave one. Are we to stand by and merely play the part of observers and let future generations damn us for our stupidity?—*M. S. Jr., Lakewood, Ohio*

The Izaak Walton League, the National Wildlife Federation, and other thinking conservation organizations are now calling the attention of sportsmen to HR 4170—a bill to prevent pollution—which really has some teeth in it. You can do your part by writing to your Congressman urging passage of this real anti-pollution legislation. Why not write today as your part in the battle against pollution, the sportsman's public enemy No. 1?—*Editor*

MAY, 1939

Millions Agree -

IT'S BOATING'S BIGGEST BUY!

a genuine
EVINRUDE

for only **\$34.50**

Prices F.O.B. Factory

HERE'S the motor that's "tops" this spring — item number one on countless thousands of buying lists! It's first choice with canny sportsmen quick to sense the extraordinary values it offers! It's a must with multitudes who can now enjoy a genuine Evinrude at everybody's price!

The Mate weighs only 10 pounds . . . costs less than 2 cents an hour to run! It offers all the features experienced users prize most . . . Evinrude's matchless starting ease . . . Evinrude's Hooded Power construction and finger-tip convenience of control . . . Evinrude's Co-Pilot steering and Underwater Silencing . . . Evinrude's trouble-proof cooling system. For every boat, every speed, there is an easy-starting Evinrude . . . 9 distinct models . . . 9 certified power ratings . . . 9 speed ranges.

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EVINRUDE

NINE GREAT EVINRUDES TO CHOOSE FROM

BUILD IT YOURSELF

and have an
Electric Outboard Motor

THIS summer Enjoy the double pleasure of making and using a "Jelly Bean" motor with its own self-contained generator, no battery, no wires to do up rear. A 4-hp. average motor requires just 1/2 hp. of a 1/2-hp. engine. The finished job is Easy to Operate, Clean, Silent, Light-weight and will run for 8 to 12 hours on a 4-cd battery. Its variable speed control makes it slow to starting and stopping. Send us your dues and get started right away.

LEJAY MFG. CO., 1379 Lejay Bldg., Minneapolis, Minn.

ONLY 10¢ FOR PLANS

THE FOX TERRIER

By William Haynes

Tells about the origin and history of this breed, its types and standards, training, care and sometimes in sickness and in health and its various uses to which he can be put. Bound in cloth. 137 pages.

Price, postage prepaid, \$1.00

SPORTSMAN'S BOOK SHOP
275 Newbury St. Boston, Mass.

READING THE WEATHER

by Morris Longstrech

The author gives in detail the various techniques for different kinds of weather based primarily on the material worked out by the Government Weather Bureau, gives rules by which the character and duration of storms may be estimated, the best instructions for setting up of the aneroid. He also gives a full explanation as to various weather forecasts for different parts of the country, of different times of the year, and furnishes sound advice for the winter sportsman and others who wish to know what they may expect in the weather line. 195 pages, attractively bound in cloth. Price, postage prepaid, only \$1.00. Sportsman's Book Shop, 275 Newbury St., Boston, Mass.

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Ride in Utmost Safety!

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• In addition to offering America's outstanding values in Boats, Thompson gives you this additional valuable feature . . . the "Spray Rail." No matter at what speed you drive the boat, nor how rough the water, you keep dry in a Thompson Boat.

This "Spray Rail" also steadies the boat on the water and makes it plane easier, which adds greatly to the speed and its safety.

Write for Catalog of Canoes, Rowboats, Sail Boats and Outboard Motor Boats.

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to fish
HER
TEEMING
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ENJOY a preview of the fishing trip you have always wanted—the kind that awaits you in friendly, neighbouring Canada. The FISHING SECTION of "Canada Calls You", deluxe travel book with coloured maps and hundreds of dynamic pictures, unfolds a fisherman's paradise to your gaze. On both her coasts and in every Province, Canada's waters teem with hungry, fighting beauties: tuna, salmon, trout, bass, muskies, pickerel. Come north this year for your share but meanwhile, mail your coupon below for the book.



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KINGDOM of the SPECKLED TROUT

NINE-TENTHS of all the Province of Quebec—an area of over 300,000 square miles—is in that wilderness we call the Laurentians. An area large enough, by the way, to hold six New York States or more than two Californias, and tucked away in this immense solitude are wooded empires with countless hills and mountains through which course sparkling clear, cold streams teeming with square tailed battlers.

Look down from an airplane and you find—not mountains and valleys—but, mountains and lakes, hundreds and hundreds of which have yet to feel the gentle touch of an artificial fly. I fished one of these for sixty minutes one first of July. A tiny little lake with perhaps ten acres of water surface that yielded 137 speckled trout to two rods in exactly one hour... by the clock.

We were two and each using a cast with three flies—a Royal Coachman, Silver Doctor and Dark Montreal. With every cast the water boiled and three at a time were not uncommon. Lac Maxime was the little lake just seventeen miles south of La Tuque. You crossed the St. Maurice—mightiest logging river on earth—climbed for three and a half miles and on a high plateau was the lake with the most fish of all my experience.

Rat River by the St. Maurice Valley was called by Charlie de Volpi, a prominent Montreal angling enthusiast, "about as close as one could ever get to what is truthfully described as God's Country." In September of 1938 he and Al Hergren landed 37 healthy fighting trout from the wharf at Cutaway Lake—still in this famous St. Maurice Valley—using a single Dark Montreal Fly. On this trip the boys picked up a three and a half pound square tailed fellow while trolling with a No. 4 Davis Spinner and a Red Ibis Fly.

Follow these waters up-current until you come to the rugged Matawin and you enter the Saint Michele des Saintes area, a region famed the world over for its Salvelinus Fontinalis. It is in this section that I have had my greatest trout fishing.

"Imagine if you can, a section say ten miles square with possibly twenty five lakes and every one with trout in them." "Rave on big fellow, rave on." That was just about the usual conversation as I extolled the virtues of a really great and unusual angling paradise.

TRAVEL Department

The Province of Quebec offers some of the finest of trout fishing—plenty of 'em and of good size as shown by the catch at the left

Yet I know a lake in that Saint Michele area where you can pick up sixty, nine to twelve inch fellows in a day's fishing when they're coming good, and within forty minutes by portage I know another lake where you can get twenty five in an hour—when they really get hungry—and ten of these twenty five will weigh

two and a half pounds or better with a couple pulling the scales down to three and a half pounds of the fightingest square tails you ever hooked.

Within the hour you can be taken to another lake where I personally pulled out forty two trout averaging two pounds—from daylight to about nine o'clock—and a half a dozen of them rubbed four pounds.

There's a hoodoo lake—as far as I'm concerned—about a fifteen minute hike from this beautiful Lac L'Isle (There are a hundred Lac L'Isles in Northern Quebec) where I know of seventeen trout weighing over five pounds that have been taken. As a matter of fact just last summer one of the guides sent a 27 inch fellow down to a friend of mine. He measured it, but postponed the weighing until he got home only to find his prized specimen (which he was going to have mounted) gracing the table as cutlets.

Why, I do not know, but as far as I am concerned I haven't taken a single fish from this water. Every one of these big fellows was taken with a baited spoon on a troll.

In that prolific Saint Michele des Saintes you can pick your waters. That is, lots of action—and small trout; less action—larger trout; lots of work and maybe a blank; but if you click—big fellows.

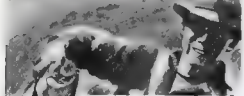
It was in this same part of the Laurentians about thirty miles south and nearer Montreal that 16 year old Bill Flook of New York City experienced the thrill of landing a seven and three quarter pound speckled trout in 1937. The fish was taken from the Lac Saneoeur waters of the La Barriere Fish and Game Club by this boy angler. It was 24 inches in length and 17 3/4 inches in girth.

Some of the finest stream fishing in the entire Province is to be found in the Laurentide National Park at an altitude of from 1,200 to 3,400 feet, where one is able to secure the phenomena of good fly fishing right through the summer months. The reason being, the entire absence of minnows and other fish in these waters, compelling the trout to feed upon insect life.

It is an almost unbelievable fact that in this immense area of 4,000 square miles, divided and redivided from boundary to boundary by growing rivers and countless streams, nearly nine-tenths have never been fished—even with a fly. And a motor road leads right through the heart of it.

Ernest N. Shepard.

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Canada Calls You

Sportsmen are divided into two classes, those who have been to Canada and those who expect to go some day soon. Both classes will welcome Canada's new tourist book, a cleverly planned and well printed book just put out by the Canadian Travel Bureau under the direction of D. Leo Dolan. A redecoated Canadian Mountie marches across the cover against a scenic background. Inside there is a profusion of pictures, many in color, with brief text. There are large, colored maps of the provinces fine enough for framing and a beautiful natural color photograph of the Dionnes. A special section is devoted to Canadian fishing and hunting attractions with photographs that will make every sportsman's heart beat faster.

Wonderful Vacation

I certainly had a wonderful vacation in Montana. The Big Hole River was high and no good for fishing so I did not get the big one to mount this year but am going back again and fish for the big ones in the Big Hole and Jefferson when conditions are right.

I had good fishing in Cliff Lake, west of Yellowstone. You can drive to this lake and there are good camp grounds there. At Wade Lake, next door, there are cabins. Hidden Lake is a three mile hike from Cliff Lake. I caught Rainbows up to three pounds in Cliff Lake and there were plenty of larger ones but natural flies were very plentiful and fishing not as good as it was earlier in the spring. I did not take the hike to Hidden Lake but they say the fish run larger there.

The highlight of my trip was the Madison. Had much better luck than last year and it looked good to see Hebgen Lake full. They were catching a good many there by trolling but I do not care for that type of fishing. Last year I camped at Beaver Creek Camp in the Madison Canyon but this year I camped at Rock Creek a few miles below Beaver Creek. The Salmon flies were hatching between the Canyon and Hutchins Bridge and, after trying flies to imitate them, had some wonderful sport there. I fished up and across the stream with a No. 2 wet fly about the size and color of the Salmon flies and let it float down on a slack line. I caught plenty from one to three pounds, all on barbless hooks, which I returned.

I also had the novelty of catching my first Montana Grayling in Ice Lake between Norris and Canyon Junction in the Yellowstone Park. The lake is well stocked with Grayling and is about a half mile from the road. Grebe Lake in this section has also been heavily stocked with Grayling, so I was told.—L. B. S., Sioux City, Iowa.

Dr. C. B. U., Atlanta, Ga.—One of the best large-mouth bass grounds within striking distance of Atlanta is the string of lakes in the northeastern part of Georgia formed by the power developments of the Georgia Power Company. Best lakes are Burton, Yona, Rabun, Tugalo, and Seed. Nacoochee Lake and the Tallulah River are also good producers. Boats and guides are available on all the power lakes; overnight accommodations may be obtained at Clarkesville, Clayton, Lakemont or Tiger from which the fishing grounds may be easily reached. This district is about 90 miles from Atlanta and U. S. Route 23 will take you right through the heart of it.

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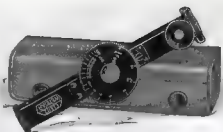
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Above: The Leitz rangefinder.

Right: The Eastman pocket rangefinder. Note simplicity of use. The left view, range not properly determined. Right view, split image matches. Range may then be read from the dial.

LENSES and RANGE FINDERS

AS PREVIOUSLY stated, if the movie enthusiast is to have but one lens on his camera, it had best be a fixed focus type, either f3.5 or f2.5. Higher speed lenses than this are frequently desirable for particular purposes but should always be considered as auxiliary equipment.

Why the ultra-high speed lenses?

Chiefly because 8mm movie film is comparatively slow if you match it against some of the ultra-speed films available for miniature cameras. Most of these miniature cameras take a picture at least one inch deep and usually slightly wider. To enlarge to 8 x 10 size requires enlargement of only eight diameters. In 8mm movie film in projection on a standard 30 x 40 inch screen the film is enlarged to about 320 diameters. Such a tiny image if made on some of the ultra high speed films available would be so grainy under that tremendous magnification that it would be useless.

You may find this table useful.

For rating camera lenses, an f4.5 lens has the same speed whether it be a tiny 8mm/f4.5 lens or a big lens of the same speed rating for 5 x 7 Graflex. Accordingly, lens speeds can be compared as follows: Beginning with f32 each succeeding stop will be equivalent to twice the speed of light passing through it; f32, f22, f16, f11, f8, f5.6, f4, f2.9, f2, and f1.4. In other words, f1.4 would be twice as fast as an f2 which in turn would be twice as fast as an f2.9; or, f1.4 would therefore be four times as fast as an f2.9 and eight times as fast as f4.

Regarding the speed of film.

Kodachrome in any size of roll film from 8mm through to miniature camera sizes has a daylight rating under the Weston system of 8 or the same as their standard Panchromatic 8mm film. The new Agfa Super Pan Press roll film has a rating of 100 as has the new Eastman Triple X Pan.

In other words, this high speed miniature camera film is something like twelve times as fast and therefore a slower lens opening can be used with the same film illumination. Since you cannot get the fast film for the 8mm camera, you have to compensate for this by using a fast lens.

For closeup work where sharpness of detail is desired, a focusing mount lens is necessary. Most of the higher speed movie camera lenses are focusing mount types. Ex-

HOME MOVIES

By

Philip B. Sharpe



trema care must be taken to see that they are reasonably well focused for the particular range in question. Otherwise, unsatisfactory detail in the picture will result.

One focusing lens for one of my movie cameras is before me as I write. This is an f1.9 lens with stops of f2.7, f4, f5.6, f8, f11, and f16. Focusing scales show markings indicating a range of 1 foot, 2 feet, 3 feet, 4 feet, 6 feet, 8 feet, 12, 25, and infinity.

Since this is a short focus lens—all standard 8mm lenses have a focal length of approximately 1/4" (15mm)—the depth of focus is far greater than in lenses designed for the average miniature camera having a focal length of approximately 3 inches up. This depth of focus problem is of major importance as it controls the results that you get where you do not estimate range with extreme accuracy.

Depth of focus is a term used to indicate the area or distance—near to far—over which a lens will render sharp definition. Theoretically, there is only one exact point that is absolutely sharp, but for practical purposes we have a certain area in the subject matter which is reasonably sharp. The depth of this focus increases as the size of the aperture of the lens or the focal length increases.

Short focus lenses, of course, have greater depth. It is the law of optics that all lenses having the same speed and focal length shall have the same depth of focus.

With this f1.9 lens wide open at a distance of two feet, sharp definition is obtained at ranges from 1.1 to 2.2 feet. If that lens is stopped down to f8, reasonably sharp focus is obtained at ranges of 1.6 to 3.2 feet at the same two-foot setting.

When set at 10 feet with the lens wide open, the depth of focus ranges from 6.11 to 18.0 feet and if stopped down to f8 the image will be sharp from 3.5 feet to infinity. In other words, at all ranges from 3 1/2 feet. The same lens when set on 25 feet is sharp at all ranges from 11.10 feet to infinity when wide open and if set at 50 feet or infinity is sharp at all ranges from about 6 feet on. If stopped down to f8 and set at 25 feet, it would be sharp from 4.7 feet to infinity.

It will thus be seen that for average work, the fixed focus type lens is more desirable. The telephoto lenses are also to be classed as auxiliary and should never be used except

[illegible]


Another useful type is the pocket range finder by Eastman. This is also very simple to use as one merely looks through it and rotates it by dial. The image is split across the center and does not line up until the dial is rotated as per the illustration. When the two halves are matched the dial reading is obtained and the lens set accordingly. Both of these types are extremely simple to use and require no particular skill. Use of a range finder eliminates guess work and produces clear, sharp pictures. Watch for "exposure meters" next month!


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Karlmann-Baby Photo

SHELTERS and SUCH

THERE are a number of camping odds and ends that simply refuse to fit into the orderly progress of events. As an example, if an expert on tents takes ten thousand words to discuss models and their usage and then gets caught out in the woods some dark and stormy night without shelter, well, he's in the same fix as the non-expert. Some years ago K and I were walk-hunting our way into a deer camp with our plunder trailing us via team and buckboard. The wagon driver lost his road; we lost our bearings and when three spaced rifle shots guided us toward the shack along about ten o'clock that night we had a pretty good shelter arranged and the night wouldn't have been unbearable regardless of our lack of blankets.

It can happen on the best regulated camping trips. For instance, if a man gets lost in late afternoon it's preferable to den up at darkness rather than blunder on. A shelter regardless of its simplicity is better than no shelter at all.

We've got a natural instinct in preparing night camp—witness the neighborhood kids digging caves in vacant city lots or constructing horse weed teepees beside the town creek. It comes natural to them and their planning is sound. However in the woods you can generally improve on the horse weed affair but the cave is pretty hard to beat. We've all seen pictures of the lean-to or half wedge shelter constructed simply by slanting cut boughs against a head high improvised ridge pole. It's the poorest attempt of several possible. Spruce—hemlock and cedar are used to form the rough thatch roof. Of the three, cedar is the best but rain will certainly get through them all. If you bivouac near a stand of clean, close growing hemlock, eight to ten inches in diameter you can peel bark much as you do with birch, lay slabs outside the lean-to frame work thereby producing a reasonably weather tight shelter. It's not a bad makeshift if circumstances place the hemlock stand at your disposal and you're in country where the waste is warranted. Incidentally as identification, hemlock has the willowy fern-like evergreen foliage—cedar, the flat green leaf—spruce is the standard Christmas tree.

Cedar Lean-to

In the absence of rain a cedar lean-to does pretty well if constructed on a slope out of the wind so that fire heat can be reflected. Of course it's merely a cubby, a spot to crawl into and

keep warm until time to travel on. It's a good plan to fill the floor space with cut boughs banked against a log placed to serve as a back rest. Then rather than stretch full out, take your rest as you would in an easy chair. Doze a while—then tend fire—then doze. Cat napping incidentally isn't unrefreshing. Army men on continual guard duty have found that brief occasional slumber between periods of standing post is no hardship.

If the forced camper gets in a real tough spot however, he's wise to follow the action of the vacant lot cave digger. A cleft in a rocky bank or a natural depression in a sandy one is the thing to look for in the event of heavy blowing rain or snow. In flat country this most often means heading for a stream.

An extremely small cubby with a fire out front will keep a man dry and keeping dry is the most important consideration. More important than sleep. But don't choose a leaning tree as the basis of an emergency camp when in a rain. It may be dry for an hour or so but after that it's almost worse than the wide open spaces. A rock ledge out of the wind on the other hand can often be comfortable by the addition of a few bark slabs or a thatch of the flat-leaved cedar. Lay in a good supply of wood before dark—always.

Pack Suggestions

Here's another camper's pain that shouldn't occur in the orderly outfit but does. And I'm thinking of it because I recently recommended a northwestern type pack for a chap who wished to economize and desired a general service pack. The northwestern is a general carryall and used extensively. You can pack everything from cement to shredded wheat in the ample carrying space. But it has the disadvantage of not being divided into compartments. For the exclusive on foot hiker it's a poor compromise. If utilized to carry the cook outfit, equip it with a separate light weight canvas bag. Otherwise the black from the cooking pots will in time smear all other plunder. Really the cook utensil bag is a worthy addition to any outfit regardless of separate pack compartments.

Auto Outfit

Auto campers in volume get out on week end trips earlier than any other group. With modern car trunk space the entire outfit can be stowed without cluttering up the car—hence you can al-

ways be ready to go on a moment's notice. If you are fortunate enough to own one of these nomad autos equipped with a bed to be made up on the rear seats, you're fixed. If not, the average outfit reads something like this.

One umbrella tent with floor cloth and awning extension (this last important)

Two folding cots

One folding table

One folding gasoline stove with folding legs

A nested cook kit in a case

With such an outfit you can fold yourself in behind the wheel and head out for a trout stream anytime.

Camp Talks on Odds and Ends

—If you keep forgetting (as I do), now's the time to add a small whetstone to the pack.

—A small flashlight and a folding candle lantern plus three or four candles makes the best combination for illumination.

—Stock up on bug dope. Wear clothes that cover all but hands and face. Gloves and a head net complete protection.

—The first act of preparing a meal is too often slapping a blob of grease in the fry pan. Try broiling fish and meats every other time you reach for the grease bucket.

—Sandpaper your paddle handles. Trim off the broomed out tips.

—Don't dry leather too close to the flame.

—Take your time with the broiling fire

—Let the coals get down to a smokeless red.

Use hardwood—not the evergreens.

—Best to boil all drinking water until you're a long way into virgin country.

—Put fires out with water. Only exception the desert. Cover with sand.

Water and Ice Chest

General equipment for the auto camper (cook outfits, sleeping, etc.) follows the standard pattern although more leeway is allowable on weight and bulk than almost any other method of travel. But drinking water can be a problem. I think you can buy a combination ice box, water can outfit but I had mine made. It's a light weight insulated box twenty-eight inches long, fourteen wide, eighteen high. One end contains a four gallon water can with spigot. The rest of it is an ice chest with a counter sunk drain plug. The lid of this box fastens with ten cent store shoot bolts and is equipped with web handles. If you travel with ice in it the drain spigot remains closed. In camp (it generally remains permanently in the rear trunk) the end of the box containing drain is hoisted far enough out of the trunk so the open ice drain drips on the ground. On some trips we've never used this gadget but on others it's been a joy.

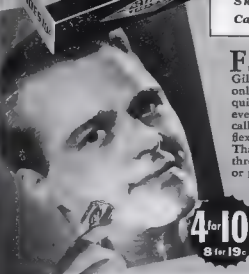
There are always trips that stand out in memory above all others. It may be Quebec—British Columbia—Wisconsin. O. F. and explored the southern shore of Lake Superior one year. It was our best jaunt. We got stuck in the sand a hundred and four times. But we always got out. I'll never forget the "coasters" in the mouth of the Two Hearted River when the south wind blew a gale. And chats beside a driftwood fire with the Coast Guard lads.

Don't think you can't find the far back spots via auto if you try. To be bromidic, that's true of anything.

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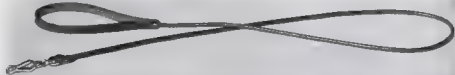
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No. 744. Round leather collar, in tan or black, 17, 19, 21, 23, or 25 inches long. This is a collar your dog will be proud to wear. Price \$1.00, postage prepaid. Specify length and color when ordering.



No. 8512. Husky brush suitable for use on all large dogs with firm bristles set in leather back. Has strong leather wrist strap. Price \$1.25, postage prepaid.



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No. 81. Dog Brush with firm white bristles and leather wrist strap. Price 80c, postage prepaid.



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Enclosed find \$_____ for which send me the following Dog supplies.

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No Cost Pack Basket

Here's a nifty, economical, comfort stunt that you may know about. When you purchase your grub, obtain an empty cardboard carton in the grocery storeroom, one that will just fit inside your northwestern type pack sack. Place your food in the carton and you have all the advantages of the woven packbasket in that the cardboard serves as padding for the can of beans that will insist on working slouchwise and gouging your spinal column. Best part is that as your stock diminishes the carton may be cut down to size or thrown away.



"Okay, smarty, it's a bit late, but now I'll tell you how you're supposed to climb a fence with a gun!"

Order in Camp

Order, or camp discipline, is no chore. It should instead be a matter of pride. Aside from that, order in camp increases the general efficiency of cook, tent-pitcher and wood-chopper, not to mention heightening the *esprit de corps* of the entire expedition.

Lay out your cooking tools, neatly arranged, where you can reach everything from a kneeling position at the fire. When the tent is pitched, lay out the blankets at once, rolling them forward, away from the door, so that they won't be mussed when anyone comes in or out, and so that at night they may be rolled down quickly for use.

Always wash the dishes at once after a meal. Let the cook hang his kettle of water to heat before serving the meal.

Always dispose of refuse by burying it, or placing it far enough from camp so it will never be revealed to the eye or the nostrils, and so that no flies will gather.

If you walked into a camp and found dirty dishes, a heap of crumpled blankets, and a litter of tin cans, you would mark that outfit's personnel as a bunch of sluggards, and you'd very likely be right.

But cooking can be done with immunity on a sand beach, if the cook is careful, and if his friends resist the temptation of lurking too close to the fire. Sand beaches, aside from being beautiful and serene, are clean-looking, and nice to swim from in the morning, and present a minimum fire hazard.



Phil Sharpe is mighty busy these days answering hundreds of letters from Hunting & Fishing readers

ARMS and Ammunition

MANY THANKS

MANY THANKS for your excellent letters of suggestion as to what you want in your firearms department. We asked you about this some three months ago and since that time have been flooded with letters varying from two or three paragraphs to eight pages long.

Each day three or four strangers would stumble up to our office door carrying the well-worn and bedraggled postman. After he dumped the most of his load on our desk or in the middle of the floor and enjoyed a brief rest, he was ready to carry on with the remainder of his route. Then our troubles began.

We promised you we would read every letter coming in and we did that! Sorry it was impossible to acknowledge the vast majority of these but we so stated when requesting your comments.

Practically every subject of interest to firearms enthusiasts ranging from plinking guns around the farm to the biggest of big game rifles and from requests for simple data up to the most technical were included in the suggestions. We anticipated all this and just wanted to be sure what you wanted. Accordingly, our departments will be framed in an effort to satisfy the majority of our good friends.

Hundreds of those letters are worth publishing. They contain excellent ideas and many of them a great deal of information. But to publish them all would require several volumes.

One of these contained some ideas worth passing along and we are doing just this. Any reader who cares to comment on either side of any of the many questions involved is welcome to do so. We'll be glad to listen to it.

Extracts from this very lengthy epistle, covering some eight large pages of carefully written long



Miss Marjorie Bates, Oregon's "Ideal Girl of 1938" captains the University of Oregon's Girl Rifle Team

hand, sum up the writings of hundreds of our readers. They run contrary to those of many others. What do you think of them?

This chap living in Union City, Pennsylvania, in the heart of the excellent deer region, is unknown to your firearms editor, although his surrounding country and hunting territory is quite familiar. This, he suggested, was his maiden attempt at the "letters-to-the-editor" art. He writes:

"Dear Editor: It has long been my pet peeve that gun editors as a group were thinking in terms of high class and equally as high priced target and match guns or in terms of Kodiak bear, moose, and elephant-killing rifles. My contention is that an infinitely small share of the magazine reading sportsmen have ever had the opportunity to hunt in Alaska, Canada, or Africa. In the other group, I'd venture that 95% of all sportsmen will never see game of the type mentioned except in books.

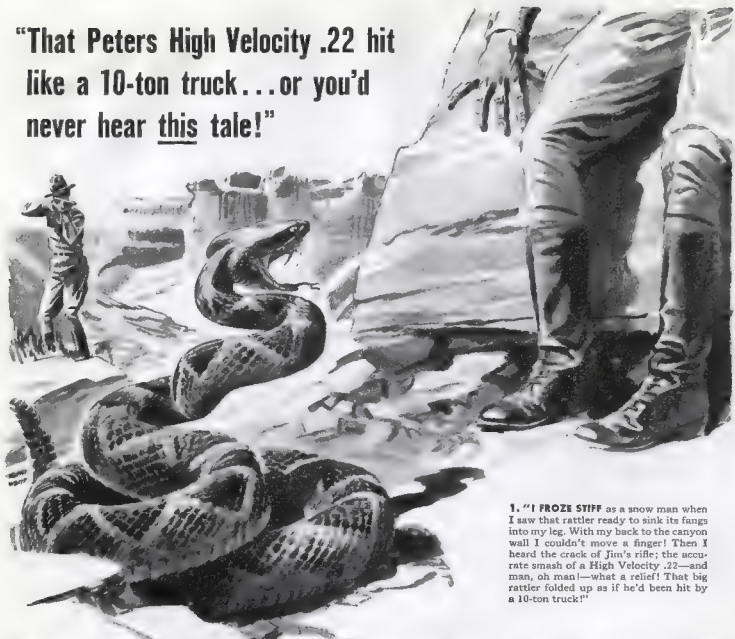
"A sportsman reads an ocean of fine material about the proper range, the right spot to hit, the ideal weather, the correct equipment, the approved load to use for hunting moose or elephant and the next morning hies himself out to pot a woodchuck, a prairie dog, or a squirrel.

"True, some people like to read of the joys they will never experience themselves. However, a venture in a far off land does not appeal to everyone, particularly those who realize there is good material at home. Personally, I revel more in a darned good tale of hunting in Pennsylvania than all of the elephant hunting stories in the whole universe. Don't get me wrong. Had I the chance I would be chasing the foreleg game too. Few of us will have that opportunity though. . . .

"Let's consider the past season. In Pennsylvania there were 650,000 licensed hunters of which 500,000 or more were deer hunting. In a six-day season 127,000 or more deer were legally killed. That is a real army of hunters and a real herd of deer. Would any one refute my claims that it is probably the largest army of hunters and the greatest one season kill in any state or province

Edited by
Phil Sharpe

"That Peters High Velocity .22 hit like a 10-ton truck...or you'd never hear this tale!"



1. "I FROZE STIFF as a snow man when I saw that rattler ready to sink its fangs into my leg. With my back to the canyon wall I couldn't move a finger! Then I heard the crack of Jim's rifle; the accurate smash of a High Velocity .22—and man, oh man!—what a relief! That big rattler folded up as if he'd been hit by a 10-ton truck!"



2. "SPEED saved the day! With a muzzle velocity of 1,400 feet a second, Peters High Velocity cartridges are much faster than ordinary .22's. Here's one, caught in full flight by the Speedlight camera for scientific study. But besides speed, High Velocity .22's give you greater...



3. "ACCURACY! Your bullet hits exactly where you aim. Believe me, Peters ballistic experts know how to build ammunition! With the newest laboratory equipment, they're able to study and improve the action of cartridges all the way from trigger pull to target. And as for...



4. "WALLOP! Blast a can of tomatoes with a High Velocity Hollowpoint .22, and you'll see why that snake folded up so fast. It's because *Peters packs the power!* Get a supply at your dealer's. Be sure to ask him about Peters Rustless, non-corrosive priming, too; and the new...



5. "REMINGTON 'SPORTMASTER' MODEL 341 bolt action repeater. It's a man-sized rifle. Accurate. Easy to handle. Exceptionally large magazine capacity."

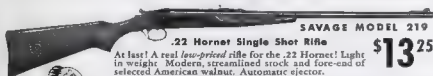
PETERS PACKS THE POWER
 **PETERS CARTRIDGE DIVISION, Remington Arms Co., Inc., Bridgeport, Conn.**
MEMBER AMERICAN WILDLIFE INSTITUTE, "FOR A MORE ABUNDANT GAME SUPPLY"
High Velocity and Rustless are Peters Cartridge Division trade marks. Reg. U. S. Pat. Off. Sportmaster is Reg. U. S. Pat. Off. by Remington Arms Co., Inc.

REACH OUT HIT HARD at 200 Yards or More!

**.22 Hornet Ideal for Woodchucks, Foxes, Crows,
and Similar Game and Vermin**

The .22 Hornet bullet streaks 2,650 feet per second at the muzzle! 1,250 feet per second faster . . . over 4 times more energy . . . than the fastest .22 Long Rifle bullet! It brings you within effective range of all small animals. Its

extremely flat trajectory simplifies estimating elevation and thrills you with accurate hits at long range. Now you have a choice of two attractively priced Savage Rifles chambered for this powerful, inexpensive cartridge.

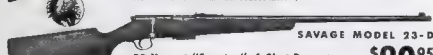


SAVAGE MODEL 219

.22 Hornet Single Shot Rifle

\$132.50

At last! A real low-priced rifle for the .22 Hornet! Light in weight. Modern, streamlined stock and fore-end of selected American walnut. Automatic ejector.



SAVAGE MODEL 23-D

.22 Hornet "Sporter", 6-Shot Repeater

\$29.95

A real fine hunting arm. High speed lock. One-piece stock and fore-end of selected American walnut.

Send for **FREE Catalog**

Describes the complete line of Savage Arms. Interesting table of ballistics.

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For twenty years the Mossbergs have operated on the basis of giving the shooting fraternity more for the money. We have invited company patron and apparently comparison has been favorable. On this our 20th Anniversary we promise the sportsmen of America that they will continue to look confidently to the Mossberg for an added something that they win their favor.

22 cal. tubular repeater Model 46B,
\$12.95* (less scope).
Internal Adjustable Scope
Model SM4, \$4.95*.

*Prices alter the higher
level of two models.

*COMPARE!

Insist on these extra features:

- Molded trigger guard and finger grip for streamlined beauty
- Complete sighting equipment with selective 4-aperture peep sight
- Hooded ramp front sight with fixed, interchangeable locks. You can't lose them.
- Open rear sight with screw adjustment for both windage and elevation for greater accuracy.
- — and many more that you will see when you examine the Mossberg line — and for new Mossberg catalogue with detailed descriptions.

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Send for the new Mossberg Catalogue. It shows the complete line of rifles, shotguns and repeaters. Write today for one of them. Offer good while stocks last.

"Pennsylvania is not the only region so neglected by good gun editors. Is not the old saw about 'the greatest gun for the greatest number' still sound?"

"Mr. Average Hunter may be a man in the low, medium or high salary brackets. He is married, has a family, owns a car and a home, and hunts not over thirty days a year.

"Many a man uses a shotgun on small game but his ideas of pattern is the paper used by his wife in dressmaking. He takes to him as the difference in a barrel that will admit a dime and one that won't. Drop, pitch, heel, comb, and trigger pull are technical terms used by experts to distinguish them from normal people.

"Should I suggest that the gun editor of today and tomorrow lean over backwards a little and help Mr. Average Hunter (this includes me) with our little problems?"

"Sure, I know you will answer our questions but I feel that it is the duty of the magazine to condense and hand the information to us on a platter, as it were, for our digestion. Therefore, I believe the gun editors should give this patent medicine to the patient in any way he can take it best.

"True, Mr. Average Hunter wants to hear of new developments of target guns and even of the high priced equipment because he realizes that he lives not alone. There are many kinds of interest for many kinds of people in this world.

"Mr. Average Hunter wants to believe that the great game of hunters and guns is a brotherhood where everyone is welcome; not a private club for only the elite. A welcome position in this wonderful group must be kept for Mr. Average Hunter or he will feel that he is being wronged, and seriously.

"Like the movies, I have exaggerated in cause. Also like the movies, I only expect you to be half convinced. If you are half convinced then I am ahead.

"May I congratulate you on your very, nay, extremely, common sense attitude towards toy gun makers. I honestly think that you have the well known goods there (doesn't of others thought to too—Ed.) and I am heartily in accord with your views. My two daughters at 3 and 4 years were able to fire and handle a .22 rifle with lots of supervision. It taught them the danger of those toys of dad's. They showed more fear of an empty gun than of paternal wrath! Seven years later this is still with them and will remain as a protection for the rest of their lives."

We don't disagree with this writer. As a matter of fact, we do not comment. Some 100,000 or more of our readers will probably agree with him.

On the other hand, all of us like a little bit of advance good. We'll endeavor to give it to you. If you read something you do not understand in these columns, remember that you are free to write us requesting an explanation. All you need to recall, in addition to that, is to enclose a postage stamp.

And so we get down to that point in the column marked:

New Shot Shell

AT LAST it's here—the new Remington Improved shotgun shell which they have been quietly developing for the last three years.

Shotgun owners have long worried about the rather vague definition of patterns advanced for a given choke by shotgun manufacturers. The pattern is merely the percentage of the shot charge concentrated in a circle of given diameter at a given range. Generally speaking, a full choke gun is patterned at 40 yards with a 30-inch circle used. A gun delivering good results will throw from 70 to 75% of its charge in that 30-inch circle at that range.

SPEED!

WEAVER MODEL 330
ONLY \$31
 OTHER MODELS \$42 to \$36

You get quick action with a Weaver—the fastest shooting you've ever known—but also two important facts of two important facts of first, there's only one sight to align on the mark instead of two and second, your eye need not be in exact line as required with metallic sights. The eye may be off center without affecting accuracy. You'll never Scope for your pet rite; you'll never go back to any other type of sight. Ask your dealer.

Write Dept. 5 for illustrated folder and complete prices and specifications.

WEAVER RIFLE SCOPES
 Made by W. R. WEAVER, CO. 161228

NEW OILER
 for GUNS, RODS, REELS, ETC.

GET THIS PRES-TO OILER FOR YOUR KIT

Makes precision oiling a simple job. Applies exactly the right amount of oil in just the right spot by pressing the steel point. Automatic—1/10 drop each press—no excess to smear or drip—no waste. Oil supply enclosed in transparent reservoir. Clips in pocket like a fountain pen. Ideal for all oiling needs aboard or at home. Prized by sportsmen everywhere. Order one or more today. Show your friends. Complete satisfaction guaranteed.

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RUPTURED?
 Get Up-To-Date Relief

Why try to worry along with old-fashioned trusses that squeeze your flesh—press heavily on hips and spine—enlarge openings—fail to hold rupture up? You need the Clothie. No leg-straps or cutting belts. Automatic adjustment and seals opening follows every body movement with no increased support in case of strain. Cannot slip. Holds rupture whether at work or play. I tell, easy to wear. Waterproof. Can be worn in bath. Send for amazing FREE 100-page cloth-bound book "Advice To Ruptured" and details of liberal truthful 60-day trial offer. Also names of grateful patrons (publication permitted in your neighborhood). Write today! Clothie yours, Dept. 21, Bloomfield, New Jersey

CROSMAN SILENT .22 RIFLE
 Adjustable Free Sight

NO CLEANING
ADJUSTABLE POWER
LOW COST AMMUNITION

Capable of hair-splitting accuracy. Shoots 22 cal. bullets (pellets) silently, powerfully, with no recoil, using the terrific force of compressed air. Power instantly adjustable. Rifle may be used in living room. Perfectly balanced, man size (weighs 6 lbs.). New features! Marvellous for target, small game. Made in America. No duty to pay. Single and 20-shot repeater models.

SuperPellets **FREE BOOK**

Order for all .22 cal. air rifles. Bigger, longer, more perfectly balanced. Send for free book. Target hitting and shooting tips. Write to American Sportsmen's Club, American Sportsmen's Club, 292 St. Paul St., Rochester, N.Y.

What is not generally known by the average shooter is that about two shots out of ten give a peculiar type of pattern with plenty of holes in it. For years the so called "experts" have offered theories explaining this but it took spark photography to really show the true cause.

The conventional shotgun shell has a wad of thin cardboard over the top of the shot charge over which the mouth of the shell is crimped which closes the paper tube. Spark photography revealed that frequently this card wad got in the way of the shot charge instead of being skidded off as soon as the charge left the muzzle. If it happened to tip just right it scattered a goodly percentage of the shot so that when it reached its destination there were holes in the pattern large enough to permit the escape of a fairly large bird.

Remington set about to eliminate this top wad and therefore improve patterns.

Borrowing the idea of European cartridge makers who had used a rather expensive brass shell and crimped the mouth completely closed, Remington set to work on the conventional paper tube and finally developed the process of closing the shell mouth without the use of a top wad and at the same time stiffening it sufficiently to prevent the mouth of the shell from opening up in normal handling.

This new Remington shot shell development uses what is known as the "star" crimp in which a six point star is formed on the shell mouth to close the paper tube. This is then crimped rigidly closed and over the top is pasted a thin wax paper seal bearing the load identification.

This paper seal measures but .003 inch thick and thus does not blow off on being fired. It splits in the six points of the crimp thus permitting the shot charge to move freely down the barrel and make an exit without the problem of pushing a card wad out of the way. Remington tests by the thousands indicate that this has completely eliminated the blown pattern in all degrees of chokes.



The new Remington shot shell showing left to right, the star crimp, the folding and ironing operation, and finally the sealing with the wax paper seal. Extreme right, the conventional top wad load for comparison.

In authorizing announcement of this new development, Remington reveals that they will not be able to place this on the market during 1939 in anything other than the popular Sket and Trap loads. Eventually, in a year or so, they plan to replace the entire line of Remington shot shells with this new crimp.

It looks like the Bridgeport boys have something on the ball here.

(Continued on page 55)

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Four colors, 48 pages, nearly 50 photographs. All gun beautifully illustrated, with full details. Valuable information on care of guns, how to measure a gun, and help. Send for it today. Use coupon, if you wish—with cut for postage-handling, to Hunter Arms Co., Inc., Dept. H-9, Fulton, N.Y. (Paul S. Luntz, Western Representative, 40 Market St., San Francisco, Calif.)

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HERE'S SAFE, SCIENTIFIC GLARE PROTECTION FOR

SHOOTERS Only a few months old, the Ray-Ban Shooting Glass has already won the acclaim of championship shooters—pistol, rifle, sket and trap. They like the large lenses, the smart styling and comfort of the frame, the non-rising, glare-absorbing lenses. Write for interesting descriptive literature on the Ray-Ban Shooting Glass and the complete line of Ray-Ban Sun Goggles for sports and outdoor wear. Bausch & Lomb, 80 Lowell Street, Rochester, N.Y. Ray-Ban lenses are available in your prescription through regular optical channels.



New Ithaca Model 37 Repeating
Skeet Gun weighs only 6½ pounds

SKEET

THE SHOTGUN TRAINING GROUND

It is a well known fact that skeet originated from the desire of several upland bird hunters to improve their gun pointing. They tried any given number of flight angles with hand and mechanical traps to perfect themselves—as well as is possible through artificial duplication of real game shooting—in the variety of odd shots which they encountered in quail, woodcock and grouse shooting. Since most of these men were particularly interested in grouse shooting where it is not uncommon for an old birdy to come zooming out of the top of a pine and nearly take your hat off as she zips overhead, it is at least a possible assumption that they included the station eight shot at skeet to get in some practice at this quick and frequently encountered grouse shot. But then there are those who say—and with good reason—that any man who hit a bird at station eight distances would pick up only a few feathers. Even so, the station eight shot, with the actual birds a few yards higher overhead, is one which the gunner meets not only in partidge cover but also frequently in the duck blind as well as when crows are shooting in low thick cover.

But skeet was a natural for competition so that within a fairly short period of years we were having innumerable interclub shoots, intersectional matches, and then national tournaments with the one idea of beating the other fellow. This brought on special skeet equipment in the form of special boring, attachments for control of patterns, and special loads to improve scores. In a very short time the average skeet shooter was thinking a great deal more about beating the man shooting alongside of him than he was as to how skeet was helping him in his gun handling for hunting trips. In fact, from this it might be thought that the original idea of the game was lost in that many men bought special guns for skeet rather than using their field guns. However, although skeet has come into its own as a complete competition sport in itself, it still has a definite relationship to the hunting field, as many men have found out, through skeet, that their special skeet guns actually improved their field shooting.

Because of this we feel that it is high time that the shooting public was reminded of the value which skeet can be to their hunting. Not that the flight of clay target from the high house has the same erratic flight of a woodcock, for this is self-evidently not so. Nor does the clay from the low trap simulate the upward rise of a quail or pheasant. One relationship—and consequent value—comes in the fact that skeet helps any man in his gun handling if he will think about this rather than about how high his score is going to be. Many's the man that we've seen shoot as well as he could until he dropped a couple of birds in one string which would put him out of the running as far as competition went; then he lost interest, started to shoot sloppily. On the other hand, if a man wants to learn how to handle a gun smoothly, fast and mechanically—all accomplishments which will help him during the open hunting season—we believe that by keeping his mind on this objective he can kill more birds next fall. Forget the competitive angle and see why you are dropping a bird now and then. Maybe you're pulling your head up off the stock. Maybe you are stopping the swing of the gun when you cover the bird, instead of leading and following through. Let skeet be your shotgun training school.

For the sake of argument, we'll suppose that

you have just started your shotgun career. The hunting season these days lasts only a month or two in most states for game birds with some states giving a longer season for rabbits. But even so, the point is that if you use a shotgun only during the open hunting season you are going to have only a short time to get into the swing of things. Then just about the time that you really come into good form, you are confronted with the end of the season with a ten-month wait before you can again try to stop a fast flying wingster or a fleet footed rabbit. What more logical answer to the beginner than to visit the local skeet club. We've yet to see a club where a newcomer isn't welcome. More than that, ninety-nine times out of a hundred, he'll also find some congenial souls—more probably several of them—who'll take the time and trouble, and enjoy doing it, to show him a thing or two about shotgun handling. Don't get the idea that because you cannot shoot a consistent twenty-three per round that you should stay away from the local clay-busting set-up. If you are having trouble with crossing shots, go round to the skeet field as regularly as possible and shoot your quota of shells from station two to six. If you are having trouble with incoming ducks, stand out there by the low house and plug away at incomers from the high house until you can blast 'em into dust.

Another good thing about a skeet club for a beginner is the safety factor. Let it be said for all skeet clubs from California to Carolina that by and large they are as safe from shooting accidents as the local kindergarten schoolroom. If you're just starting out with a shotgun, there's no better place for you to get a thorough training on how to carry and where to point a gun, and otherwise conduct your shooting hours safely than at a skeet club. Nearly every club has a good large set of safety rules hung up where you can see 'em. Every club has its watchful members who will see to it that the careless shotgun toter is careless just once. You'll be taught never to point a gun, loaded or unloaded, at any one; that a broken double gun, or a repeater or automatic with the breech open is a safe gun; that you should never put down a loaded gun; and a dozen other safety features that will sink into your gun consciousness so that you'll automatically and unconsciously become a safer shooting companion afield. It's lack of training, lack of appreciation of the danger of a carelessly handled gun, that causes accidents. Good proof of this point is found in the fact that every year thousands of youngsters are taught to handle and shoot rifles on ranges under the watchful eyes of experienced shooters—and never yet has there been an accident on these ranges. Skeet can take the same place in the shotgun fraternity—and it should.

Let there be some misunderstanding on the part of the competitive shooters who have had the patience to stick with us this far, we want to state very clearly that we are all for competitive shooting. Competition is the life of any game. But maybe we've been putting too much attention on the competitive features of skeet and not enough attention on the man who wants to improve his hunting score and to learn shotgun lore. There are only a few thousand men in this country who have shot perfect skeet scores; there are only a few more thousands who want to shoot just to see if they can beat the next fellow. But there are hundreds of

By
Hy Gunn



Flash and Freckles, mother and daughter, owned by Dexter Rood of Springfield, Mass.

SPORTING DOGS by

Edward A. Briggs

THE FEMALE of the SPECIES

FOR MANY YEARS Will Draper has kept beagles. Never an actual kennel, two or three, usually. You see them trotting about the neighborhood; placid, inoffensive little dogs. Or you find them lolling at ease on the Draper porch, or stretched contentedly at Mrs. Draper's feet in the living room. Mrs. Draper is one of those ideal "sportsmen's wives" who seem to find nothing unusual or irksome in their husbands' love of field-sports—dogs included! And certainly the Draper dogs are as inconspicuous as any dogs in the town. Is it barely known that occasionally there is a litter of pure-bred beagle puppies at Will's home, for dispersal, usually, among his hunting friends. But as for sex, the neighbors literally don't know what Will's beagles are.

Young Jack Shane hailed Will Draper one morning at the railroad station. "I'm buying a springer spaniel," said Jack. "Or that is, I want to. My first sporting-dog, you see. I can get a female puppy for twenty dollars. The males are thirty-five; a bit steep for me. Is it true that you prefer female dogs?"

"I most certainly do!" said Will. "And so does Mrs. Draper. We wouldn't keep a male; too much bother. By all means buy your female puppy—*provided*, of course."

"All aboard!" sang out the conductor. And Will swung up into the smoker, while Jack turned away to his sedan, all smiles and resolution.

SHE WAS a lovely puppy, two months old. Jack's family took her right into their midst. She chewed rugs and slippers, at first; was presently house-broken; romped with the children indoors and out; retrieved a ball as if by instinct; slept in the enclosed porch. Barely six months old when the shooting-season opened, she was already a helpful hunter under Jack's amateur training; more than one big cock-pheasant, more than one cottontail she put up to Jack's gun. Through the winter she completed her growth, developed the quick intelligence, the deep affection of her sex. And always a house-dog, a lawn-dog. The Shanes' property had no fences, no outbuildings except the small garage. Then, in May, when Trixie was about a year old—!

Jack's days, of course, were spent at the office; Mrs. Shane had a domestic and social world of her own; the children—were children. The whole family "just didn't notice!" Till a neighbor's dog or two came poking about, rather annoyingly. "Well, yes," said Jack absently, over his evening paper. "I must ask Will Draper about this. And keep Trixie in the house for a few days, my dear. Except for a few minutes, of course. Tell the children."

More dogs, on the lawn, on the porch! And Trixie not quite so obedient when she *was* taken out; not so willing to return. Then *somebody* failed to bring her in again. She was gone all that night, and the next day. In late afternoon came a wrathful phone call, from the other side of town. "There's a perfectly awful, disgusting mob of dogs around here, running and fighting; and some body says it's *your dog's* fault, a perfectly awful female dog—! And I've called up the constable and told him he must *shoot* those dogs or something, *right away*."

A frantic phone call from Mrs. Shane to Jack, and frenzied driving about and searching, and presently poor Trixie was brought home in disgrace. Will Draper was consulted—too late, of course. And Trixie was sent off for another week or two to the veterinarian's, who had plenty of buildings and kennels and fences. She was brought home again, for a few weeks, till her increasing bulk made romping impossible; then she went to the vet's again, her litter of worthless mongrel puppies were promptly destroyed, and at last, nearly three months after that tragic day and night of her "running loose," she was restored to the Shane family, and Jack took up again her training in the field. When the shooting-season was about to open, in November, she was going beautifully a-field. And then—she came in heat again, and spent those autumn days a prisoner at the vet's, while Jack Shane went through the season without a dog!

Jack gave up in disgust—and had Trixie spayed. Now, at four years old, she hunts—or tries to! She has grown fat and gross; diet and exercise can't reduce her. She's sluggish, too; something of fire and spirit is gone forever out of her character.

If Will Draper could only have *talked* with Jack Shane that morning at the railroad station, the whole wretched business could have been avoided. Trixie could have had the proper treatment from Jack—or from another and a better owner.

The female, says Will Draper, has certain great advantages as a home companion and as a sporting-dog. As a puppy, she can often be purchased much cheaper than the male. Almost certainly she will develop earlier and more rapidly. She will be cleaner, more obedient and more affectionate in the home. She can be given her liberty, without that extended running away which the male dog often practices. Unlike the male, she will not "forget herself" under excitement, such as the presence of guests, and lift her leg against the furniture or curtains; neither will she "sprinkle" the shrubbery and the flower-beds and kill them. She will usually go to work sooner in the field. She will rarely fight or be fought by other dogs, anywhere; and this is a great advantage when she is drawing up on a bird, or running a rabbit, and a big farm cur (almost always a male) comes charging out to chew up the strange

YOU OWE A SCRATCHING



DOG RELIEF

MAKE THIS 25 CENT TEST

A dog doesn't scratch for pleasure. His blood may be badly affected by impurities that set up an intense itching irritation beneath his skin. He itches in torment. He has to scratch unless you try to help him.

Re Hunters Tasteless Dog Powders in sanitary capsules bring blood toxic elements and a reconstructive force to dogs of all breeds, any age. Given regularly on Saturday and week they act to quickly relieve disorders due to lack of proper conditioning that causes scratching, loose coat, halitosis, poor appetite, bad breath, skin irritation and a host of other ills. They work to make your pet happier, healthier and more contented.

Re Hunters Dog Powders—the prescription of a prominent English Veterinary Surgeon, are for sale at Leading Drug Stores and Pet Shops. Their well-directed action should show a quick effect. You may never know how fine your dog can be until you have tried them. Ask for **Re Hunters Dog Powders...Keep Dogs Fit.**

If unable to obtain locally send 25c or \$3.80 to **J. HILGERS & CO., Dept. 625, Binghamton, N. Y.**

Keep Your Dogs

**FREE
FROM WORMS**

WRITE FOR FREE BOOKLET No. 652



NEMA WORM CAPSULES

EFFECTIVELY REMOVE LARGE
ROUNDWORMS AND HOOKWORMS IN DOGS
OF ALL BREEDS AND ALL AGES. DEFENDABLE

Nema Booklet tells you about worms

Write to Animal Industry Dept., Desk N-67 E.

PARKE, DAVIS & CO., DETROIT, MICH.

Drug Stores Sell Parke-Davis Products



**DOG begs for relief from
Eczema, Itching, Scratching
and skin disorders. Use**

VAN-X OINTMENT

the perfect antiseptic—greaseless, stainless, safe.

Assures healthy skin and perfect coat.

EFFECTIVE FOR ALL BREEDS

Money-back Guarantee

Special Offer: 3 tubes for \$1.

**TOTUS MFG. CO., Dept. H.H.
119 W. Chelton Ave., Philadelphia, Pa.**

LITTLE KNOWN FACTS ABOUT

ARTHRITIS RHEUMATISM

Read a treatise that is informative thousands!
A postcard brings you a FREE copy latest 1939
edition "Arthritis and Rheumatism"—
entire and postpaid. Address the author for
day **H. P. Cleinwater, Ph.D. 1989-T St.,
Hallowell, Maine**

Fistula Sufferers

Face Danger

One of the tragic results of neglected fistula frequently is loss of bowel control together with nervous depression and general ill health caused by self poisoning. Thousands could save themselves from humiliation and serious illness by taking proper treatment in time. The Thornton & Minor Clinic—oldest known rectal institution in the world—offers a FREE Book which explains a fistula and other rectal diseases, tells how more than 50,000 persons have been benefited by their mild, corrective, institutional treatment—without hospital confinement. Write for this Free Book and Reference List. Address Thornton & Minor Clinic, Suite 940, 928 McGee St., Kansas City, Mo.

sporting-dog. Finally, if she proves a really good field-dog, it is an easy matter to send her to a good stud, keep one or more of her puppies to hunt with her and take her place as she ages, and make a neat profit on the remainder of the litter. Will Draper has bred his own beagles for four generations, seventeen years, and kept his strain the best obtainable!

But, says Will, do not buy a female unless you are capable of noting when she comes in heat, and of carefully confining her for three weeks. This need not be in an iron-barred prison cell on the second floor. Will's two or three beagles—all females—sleep in boxes in an enclosed porch at the rear of the house, are often in the house, and usually run about outdoors at will. But outside this porch, on the back lawn, is a neat, high-fenced kennel-yard, twenty by forty feet. From the day a bitch shows the first sign, she has access to this kennel-yard, but never for one moment to the open lawn. Hence she never urinates on the lawn or about the neighborhood (the infallible "come hither" signal for the roving male) and the male dogs drift by, even right up to the kennel fence on occasion, without learning the seductive secret. If you cannot build a kennel-yard, you can keep the bitch strictly within a building, such as a garage, during her period. Or you can arrange a corner in the cellar or basement of your house, with ashes or sawdust, where she will readily learn to relieve herself without going outdoors.

And finally, says Will, don't buy a female if you must count on her as your only available sporting dog, every shooting-season. Some bitches come in heat regularly every six months; most of them at longer intervals such as eight months. Rarely is a female in heat during two successive shooting-seasons. To be sure of a shooting-dog, you can keep two bitches!

The female of the species? Why, of course she's more desirable than the male; provided, of course, that we're capable of appreciating quality, and of giving it the slight extra care which it deserves!

NEXT MONTH

Be sure to read our big June issue, filled with authentic stories and departmental material.

CORRESPONDENTS WANTED

Editor, Hunting & Fishing:—It is a pleasure to be able to tell you that some days ago I happened to read one of your magazines, and it was enough for me to order immediately a one year subscription through The Mayfair Agency of New York, as I think that yours is one of the finest sport magazines published in the States.

I would be very grateful to you if you could get some of your readers (one of them) to enter into correspondence with me, as I would very much like to have a friend in the States, who is as enthusiastic as I am on fishing, hunting, canoeing, dogs, guns, camping, etc.

For your guidance, I want to tell you that I am 24 years of age, married, born in Chile, and that I take every opportunity either to hunt or fish.

Thank you beforehand for your kind attention in this matter.—**Andreas V. Dohren, Casilla 583, Valparaiso, Chile.**

We felt that the best way to comply with Reader Dohren's request was to publish his friendly letter. Undoubtedly, American sportsmen desiring to write to him can enjoy a mighty interesting correspondence with this South American neighbor.—**Editor.**

I TRIED THIS NUDIST STUFF!



They clipped me once, just once! What a treat—for flies and fleas! Then the Boss read Albert Payson Terhune's article in the new Sergeant's DOG BOOK; and my nudist days are over!



The Boss learned plenty from the DOG BOOK. All about training and feeding me. How to tell when I'm sick—and what to do about it. It's important for every dog's master! Get it free at a drug or pet store—or mail this coupon.

Sergeant's

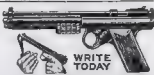
DOG MEDICINES

POLK MILLER PRODUCTS CORP.
Dept. SP-3, Richmond, Va.

Please send a free Sergeant's DOG BOOK to:

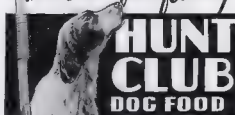
Name _____
Address _____
City _____ State _____

BENJAMIN AIR PISTOL WITH LEVER HAND PUMP



For Target—Small Game—Camping Etc.
Guaranteed—Accurate—Practical—Economical—Safe—Clean—Quiet.
Adjustable Power—Amazing Muzzle Velocity. No Noise or Jumps.
Ball Action—Hammers Fire—Hair Trigger—Safety Lock—Hand Pump.
Rough Shot BB #30, Super Shot BB #17 or #22 with steel barrel #10, BB
Shot #10, #12, #14, #16, #18, #20, #22, #24, #26, #28, #30, #32, #34, #36, #38, #40, #42, #44, #46, #48, #50, #52, #54, #56, #58, #60, #62, #64, #66, #68, #70, #72, #74, #76, #78, #80, #82, #84, #86, #88, #90, #92, #94, #96, #98, #100.
Compressed Air Rifles for BB and .177 or .22. No Noise required from dealer or importer. Ask for complete specifications and free literature.
BENJAMIN AIR RIFLE CO., 808 Madison St., St. Louis, Mo., U.S.A.

The PERFECT COAT that comes from feeding



In hundreds of unsolicited letters from dog owners, 85% mention improved glossy coat and freedom from skin irritations at the top of the list of benefits noted in their dogs after changing to Hunt Club feeding.

Easily Explained!

Most cases of eczema and other itchy skin disorders come from malnutrition. A change to Hunt Club's nutritive completeness causes these signs of deficient diet to disappear quickly. Most economical, too—2¢ to 5¢ for a full day's feeding, depending on breed of dog. Ask your grocer or feed store for Hunt Club. Maritime Milling Co., Inc., Buffalo, N. Y.

Game Animals, Etc. Over 500,000 sportsmen read this magazine every month. A great many are looking no longer have any use for . . . or trade for something you really want. Try the very next issue for ten words. Address Sales & Trades, % HUNTING & FISHING MAGAZINE, 275 Newbury St., Boston.

This department is reserved especially for subscribers and regular readers interested in SWAPPING, BUYING or SELLING Fishing Tackle, Firearms, Dogs, Fur and more. If you have something to swap, sell or buy for and are willing to buy the very things you want, please send your ad to: **SWAP**, c/o **THE OUTDOOR**, 1000 Washington St., Boston, Mass. The cost is only 50c per word, minimum 10 words.

Additional Classified Advertising on Page 56

ARMS & AMMUNITION

(Continued from page 49)

News of the Day

LOTS OF NEW STUFF to look over this month. For the shotgun man the first item of interest is the new Ithaca Model 37 20 ga. Featherlight pump repeater. Ithaca is in production on these and will soon be ready to take care of orders. This rounds out their Model 37 line to cover the 12, 16 and 20 ga. sizes.

The chief item of interest in this new Ithaca is the weight, advertised as running about 5½ pounds. No gun maker can guarantee weight due to the difference in density of wood but Ithaca is playing safe with their weight announcement. The job I have been using for the past several months runs 5 pounds, 10 ounces, and is 5-shot capacity at that. It is, of course, furnished with a plug to change the magazine to 3-shot conforming with Federal Laws for migratory birds.

This 20 ga. is available in 3 models—the Standard Grade for field use, with 26" and 28" barrels; Skeet Grade (see illustration on page 50 for Skeet and game, same barrel length but equipped with Ithaca's exclusive ventilated rib and large Skeet type forestock, running weight up to 6½ pounds; the Trap Grade also with 26" and 28" barrels, rib recoil pad, and selected wood in the stock with larger trap forestock, including elaborate high grade hand checking—weight of about 6½ pounds.

Naturally, the Standard Grade will be the best seller. This is neatly decorated with game scenes on both sides of the receiver and is quickly taken down, has an extremely short and smooth pump action stroke. Ithaca announces that the handy cross-bolt safety will be furnished in reverse for left-handed shooters on order.

Stock is checked as is the forestock, pistol grip has standard grip cap. The receiver is of the solid top and side variety with bottom ejection so that no escaping gas can get in the shooter's face. This also keeps dust, dirt and rain from falling into the action.

For the man who wants a light pump gun in 20 ga., this is the answer. Lou Smith of Ithaca, in showing me this gun last summer when it was in the handmade pilot stage, told me their mail is continually requesting lighter and still lighter guns for field use. They have made this gun light without sacrificing safety as every gun is proof tested with the standard 7½ tons pressure proof cartridge.

A LETTER from T. L. Luce, new General Manager of Harrington & Richardson Arms Co. reports that the firm was completely reorganized November 25, 1938 with new officials and a complete change of management. He reports that Clarence C. Dodge, Treasurer and general manager of the George L. Blake Co. was elected president, Robert Nelson, treasurer of the Arcade Marble-Iron Co. and Ralph Brooks of the same company became directors. Mr. Luce is general manager in complete charge of the factory with Clifton J. White appointed as sales manager.

When you write this department for information be sure that your name and address is clearly and accurately written. You'll get a reply promptly. Please enclose a stamp.

This Valuable Book . . . FREE!



Practical helps for active sportsmen.

for Answering These Questions

Help us and we'll help you. To the sportsmen who give us complete answers to the questions listed below by May 15th, 1939 we will send this new book "200 THINGS SPORTSMEN SHOULD KNOW."

Your answers will be kept strictly confidential. No use of your name will be made. No salesman will call on you. The information you give us is for use only in arriving at statistical averages for all of the readers of HUNTING & FISHING.

To qualify to receive FREE BOOK, envelope must be addressed . . .
RESEARCH DEPARTMENT, Hunting & Fishing, 275 Newbury St., Boston, Mass.

Using a soft pencil, fill in the form below as accurately as possible.

"Cut off here and mail today"

READERSHIP

Do you subscribe to HUNTING & FISHING? . . . Buy it on News Stands? . . .

List other Sports Magazines you now subscribe to . . . Others bought occasionally . . .

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List General Magazines you subscribe to . . . Others bought occasionally . . .

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.....

Do you read sports magazines with greater enthusiasm than general magazines? . . .

How many people beside yourself take your copy of HUNTING & FISHING? . . .

Please list below (yourself first) all persons living with you in your home, such as husband, wife, son, daughter, uncle, etc.

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HOME

Check which you live in; single family dwelling ☐, apartment ☐, other ☐

Do you own a camp, cabin, or summer home? . . . Its value \$. . .

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SPORTS EQUIPMENT OWNED

Equipment How Many? Cost Equipment How Many? Cost

Shot Guns \$ Tents \$

Rifles \$ Skis \$

Pistols \$ Snowshoes \$

Gun Cabinets \$ Chest High Waders \$

Fish Rods \$ Wading Shoes \$

Reels \$ Hip Boots \$

Suit Cameras \$ All Rubber Hunting Boots \$

Movie Cameras \$ High-top Leather Boots \$

Outboard Motor \$ Low-top Leather Boots \$

Yacht \$ Leather-top Rubbers \$

Motor Boat \$ Moccasin Sole Boots \$

Sail Boat \$ Sneakers \$

Row Boat \$ Other Sports Garments \$

Canoe \$ Value all other Sports Equipment \$

How many flashlight batteries do you buy each year?

How many dogs do you own?

Do you buy non-resident hunting licenses? States

Non-resident fishing licenses? States

Check if you have a home workshop shop ☐. Value of tools and equipment \$

Name of Best Sporting Goods Store in your locality

Address City & State

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Continued on next page

Additional Classified Advertising Continued from Page 54

BOAT Blueprints and full size patterns. Many designs. Catalog the (twice). Cleveland Boat Blueprint Co., Station A-39, Cleveland, Ohio.

GLASSES from your own drawings. C. K. Wood, Mfr., Johnston, N. Y.

CANADIAN Tax Sale Lands for a dollar an acre and up. Hunting, fishing, camps. See advertisement page 37. Tax Sale Service, 72 Queen Street West, Toronto, Canada.

CATALOG of Bargains, nearly 2000 items, country homes, sportsman's tracts described. Free. Street Realty, 255-B 4th Ave., New York City.

CEARBS—10 acres White River frontage; unimproved; \$129. 15 down, \$1 monthly. Free list and literature. Hubbard, 238 Grosvenor Bldg., Kansas City, Kansas.

BUILD electric plant for your cabin. Operates with wind. Complete plant and valuable catalog. The Lela Manufacturing, 475 Lela Building, Minneapolis, Minn.

TOBACCO! Choice aged Chewing or Mellow Smoking, 12 pounds \$1.60. Willis Farms, Fulton, Kentucky.

FOREST JOBS available \$125-\$175 monthly. Cabin, hunt, trap, pasture. Quality immediately. Write Rayson Service, R-25, Denver, Colo.

PEPPY famous formula for the sportsman. The chance of a lifetime to learn the inside secrets of the sporting world. Only \$1.00. Midwest Sportsman, Box 371, Mattoon, Illinois.

SLEEPING BAG Bargains—Save 40% by mail! \$32.38 Down Bag, only \$21.50. \$17.50 Wood Bag, only \$10.95. Write for free circular. Alaska Sleeping Bag Co., 1412 S.W. Harrison St., Portland, Oregon.

WAXES—Original poems, songs, for immediate consideration. Send poems to Columbia Music Publishers, Ltd., Dept. 187, Toronto, Canada.

OIL Painting of your door made from favorite photo. Cost from \$20.00 up. Helen Williams Studio, 239 Leeson, Detroit, Michigan.

FLORIDA Tax Deed Lands, \$6.00 acre up. Terms. Farming, trucking, fruit growing; fine hunting, fishing. Located, Florida Tax Deed Service, 2007 Nebraska, Kansas, Florida.

SPLENDID Opportunity collecting reptiles, frogs, toads for us. Our instructions make collecting easy. Contact and purchase direct. Biological Research Laboratories, Dept. H-11, Springfield, Missouri.

GUARANTEED Chewing, pipe or cigarette, five pounds \$1.50; ten, \$1.75. Box cigars and pipe free. Pay when received. Carlson Farms, R-24, Pottsville, Ky.

TELESCOPEs, microscopes, binoculars! 1939 bargain choice free. Brownscope Company, 5 West 27th Street, New York.

Big Kajak Valves, 12" KRC, \$18.00; others. Request Literature, Playaks, Dedham, Mass.

Lakers on Top

We have never found out definitely whether lake trout come up to the top before the ice breaks up in the spring or just as the ice breaks up. In any event, wherever lakers are to be found it is fun to take them on light tackle along about now. Usually they stay within reach for about two weeks after the last ice has gone and they will strike at artificials without hesitation as they always seem to be on the feed.

Several times in the last few seasons this writer has journeyed to Hudson, Ontario, for the spring lake fishing and we have caught dozens of fish weighing from 10 to 20 pounds on a regulation bass fly rod with a bass fly and spinner for bait. The fish are "followers" and the spinner should be watched constantly or it is entirely possible that strikes will be missed. The lakers come up behind the lure, open their mouths and suck it in. They also blow it right out again without the angler feeling them and for this reason the glitter of the spinner must be used as an indicator. When it stops glittering, strike. Even large lake trout, because of the color of their backs, are extremely hard to see when looking down on them from a canoe or a rowboat.

When lake trout are near the surface they are quite timid, at least in the spring. During spawning in the fall they pay little attention to clattering air locks or movements over their heads but for the early fishing quietness is necessary. If a laker is following the lure and is frightened by either noise or motion, he will turn away and he won't come back.

(Continued from preceding page)

ACTIVITY

How many miles do you have to travel to fish?..... How many times a year do you go fishing?..... What type? Fly fishing ☐ Plug casting ☐ Trolling ☐ Salt water ☐ How many miles do you have to travel to hunt?..... How many times a year do you go hunting?..... For what kind of game?..... Do you indulge in shooting competition? Skeet ☐ Trap ☐ Rifle ☐ Pistol ☐ How many times in a year?..... Boxes of shells consumed per year, Shotgun..... Rifle..... How many days a year do you spend on: Fishing Trips?..... Hunting Trips?..... What are your favorite outdoor sports? In order of preference (1)..... (2)..... (3)..... (4)..... Check if you take a camera on all hunting and fishing trips ☐ enlarge your own photographs ☐ what films do you use?..... how many rolls each year?..... Do you or members of your family belong to a private Golf or Country Club ☐ Yacht-Boat Club ☐ Rod, Gun, Hunt Club ☐ Business Club ☐ Other Clubs ☐

TRAVEL & VACATION

Do you travel on business? ☐ How many times a year?..... Do you take a vacation every year?..... Summer ☐ Winter ☐ Spring ☐ or Fall ☐ What is the average distance traveled per trip?..... per year..... What mode of transportation do you use? R.R. Coaches ☐ Pullman ☐ Airlines ☐ Buses ☐ Your Car ☐ Ever take a winter cruise? ☐ Ever been to Europe on pleasure? ☐ On business? ☐ On the average, how much do you spend for your vacation, per person in party? \$..... What pastimes, features, amusements, etc. have a deciding influence on your decision where to take your vacation?..... In what state or country is your favorite hunting or fishing spot?.....

TOBACCO—LIQUORS

Do you smoke CIGARETTES? ☐ (brand)..... packages per week?..... CIGARS? ☐ (brand)..... cigars per week?..... How much do you pay per cigar?..... PIPE? ☐ How many ounces of tobacco per week?..... How much do you pay for a new pipe? \$..... How many pipes do you own?..... Do you order liquor by brand names?..... Serve drinks to guests in home?..... Indicate average amount consumed by your family per month and brand preferences.

Quarts

per month Brand Preference

Quarts

per month Brand Preference

Beer	Irish Whiskey
Scotch Whiskey	Gin
Rye Whiskey	Rum
Bourbon Whiskey	Miscellaneous

MEDICINE CHEST

Do you shave?..... Every day ☐ Every other day ☐ Less frequently ☐ Name BRANDS of products used in shaving: Safety Razor..... Electric Razor..... Shaving Cream..... How many razor blades do you use weekly?..... Brand..... Do you carry on fishing and hunting trips, Vicks VapoRub?.. Absorbine?.. Musterole?..

INSURANCE

How much life insurance do you carry? \$..... Sport Equipment Insurance \$.....

We again guarantee that any information you are kind enough to give us about yourself will be kept strictly confidential, and will only be used to secure averages of all our readers.

Print Name..... St. & No.....

City..... State.....

Occupation, Business Connection, Title.....

To qualify to receive valuable book, you must address envelope to—
RESEARCH DEPARTMENT, Hunting & Fishing, 275 Newbury St., Boston, Mass.

Two Whole Years of
Good Sport

24 Big Issues
for Only \$1.00

HUNTING, FISHING, CAMPING, SKEET SHOOTING, DOGS, GOOD STORIES, PICTURES, AND VALUABLE INFORMATION

Best Magazine published for Sportsmen. Send your order today.

May, 1939

SUBSCRIPTION ORDER BLANK

HUNTING & FISHING, 275 NEWBURY STREET, BOSTON, MASS. Enclosed find my \$1.00, for which please send me HUNTING & FISHING FOR TWO YEARS commencing with your next issue.

Name.....

Street and Number.....

City or Town.....

BIG MONEY! ASSEMBLING THE *NEW* PORTABLE MEAD KI-YAKS

In a Few Days at Home with Simple Hand Tools Without Any Experience!



"Perfect as a Factory Job! —and THE FIRST BOAT I'VE BUILT!"

—says Ralph Williams of Pecos, Texas

Even though YOU never built a boat—or anything, be sure to read Mr. Williams' letter: I ordered your 16 foot CK-2 KI-YAK KIT over a year ago. It went together so nicely that before the boat was completed, I ordered the sail rig. When the KI-YAK was finished, it looked to me and my friends as perfect as a factory job, and this is the first boat I've built! While the KI-YAK moves along wonderfully in light air, the greatest thrill comes in riding the waves in a West Texas high wind. An enclosing couple of pictures. Why don't you, too, Mr. Reader, join in this new, low-cost entirely different kind of fun America is rushing to ENJOY? Get started now! Remember...

YOU CAN SAVE ½...and...MEAD'S NEW PATENTED Type of Construction Guarantees an Easy, Economical, Perfect Job!

You can assemble your own beautiful, portable MEAD KI-YAK in a few days at home from our PATENTED Cut-To-You Construction Kit...and save nearly half the factory-assembled cost! Tons of thousands here don't it...you can, too! No expensive accessories. Also—max Big Pockets building, selling to others! Successful, quick assembly guaranteed. All parts numbered! ALUMINUM ribs—none FORGED and made to attack! Wooden Parts cut to shape! No saw, 10 and 12-year olds have done fine jobs. And you can even pay as you build!

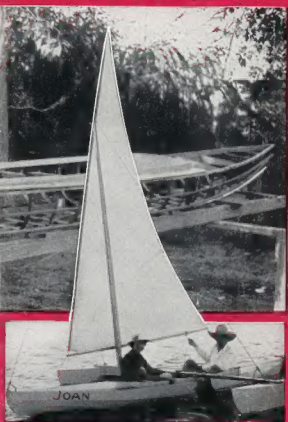
Your Construction Kit keeps—great investment at home—lasts a few seasons of easy, fascinating assembly-work and your beautiful, trim Mead Ki-Yak is completed—and YOU are ready for the adventure! Think of the fun, thrills and satisfaction you'll have taking your strong, feather-light "Mead" with you, to head out for our paddling, sailing, rowing, outboard-motoring, touring, fishing, cruising, boating! Your Mead is made, Rowing, Durable, INEXPENSIVE! Tons of thousands of "Meads" built and used!

FACTORY-TO-YOU AT FACTORY-PRICES!

You save two steps when you buy a genuine Mead Ki-Yak. First, because we sell direct-to-you-from-factory. Second, because you assemble it yourself (and ANYONE can do it). Send the coupon and the fee full details this instant!

"A MEAD FOR EVERY NEED!"

Paddle-and-oar models. The lovely "CK-1" 10 foot, 20 pound! The sportsman's 30 lb. CK-2! The "Big bad CK-3" with 80 square feet of sail on 45 pounds of boat—the sailor's delight! Then there's the 50 pound "CK-2"—Spidee of The Fleet—taken up to 4 ft. by Ki-Yak accessories—new top over Ki-Yak from BILGODA's. TERS. Rush Coupons and discs now!



Above photograph show Mr. Williams' CK-2 under construction, and sailing. Note how the formed-in-shape aluminum ribs, the sail, and the PATENTED Mead features formed a perfectly-shaped hull. Mail coupon and the fee, and have easily, inexpensively you, too, can own, assemble and enjoy a Mead Ki-Yak!



Lazin' Along in a Mead CK-2!

Make your dreams come true! You want a boat—so get one...but be sure it's a genuine MEAD KI-YAK...well known and advertised for many years. Investigate our unusual Home-Assembly Plan...mail coupon and the right now!

Pair of OARS or Double Blade Paddle GIVEN with your Ki-Yak—if you hurry!



MAIL COUPON NOW!

MEAD GLIDERS, 15 So. Market Dept. J-59, Chicago U.S.A.

Enclose 10c as postage-handling charge. Please Rush ME your new illustrated KI-YAK Boat Circular, Money-Making Plan, Low Introductory Factory-To-You Prices and Special Gift "Oars or Paddle" Offer! (Please PRINT Name!)

NAME.....
St. and No.....
City.....State.....

Remember!


IF IT ISN'T A MEAD—IT ISN'T A KI-YAK!

MEAD GLIDERS
15 S. MARKET ST. DEPT. J-59 CHICAGO, U.S.A.

• WITNESSED STATEMENT SERIES:

The Cream of 21 Crops

GEORGE LOVE, tobacco auctioneer, has seen Luckies buy the Cream of every Crop. "So Luckies," he says, "have been my favorite for 21 years." Most independent tobacco experts smoke Luckies.



Have you tried
a Lucky lately?

TOBACCO crops in the last few years have been outstanding in quality. New methods, developed by the United States Government and the States, have helped the farmer grow finer tobacco. As independent experts like George Love point

out, Luckies have always bought the cream of the crop. Thoroughly aged, these fine tobaccos are now ready for your enjoyment. And so Luckies are better than ever. Have you tried a Lucky lately? Try them for a week. Then you'll know why

Easy on Your Throat—
Because "IT'S TOASTED"

... WITH MEN WHO KNOW TOBACCO BEST—IT'S LUCKIES 2 TO 1